

Panasonic

Colour Television

TC-26T1Z

Operating Instructions

Please read these instructions completely before operating this set and retain it for future reference.

TQB620846

Dear Panasonic Customer

Welcome to the Panasonic family of Customers.

We hope that you will have many years of enjoyment from your new colour television set.

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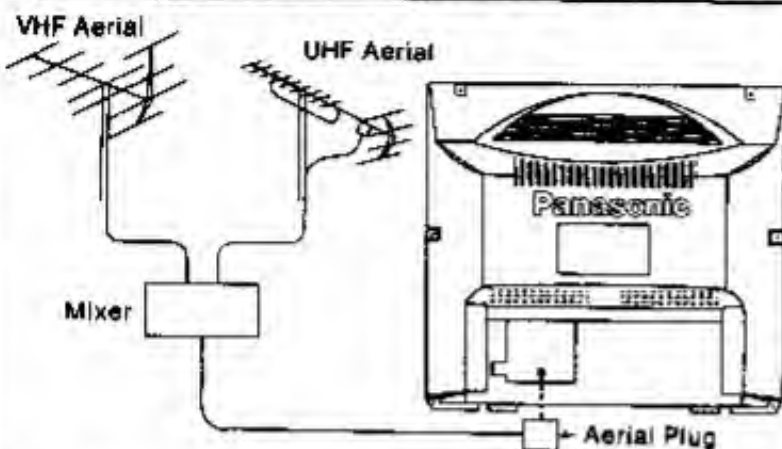
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Before Operating this Set

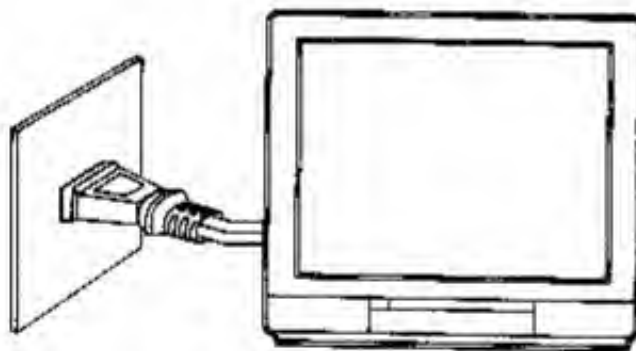
Preparations

Connect the Aerial Cable to the RF In Terminal



How to connect an Aerial
For connection details refer to page 18.

Connect the Plug to the wall outlet



Connect the AC Plug to AC Outlet

This TV set can be operated on AC
230 V, 50 Hz.

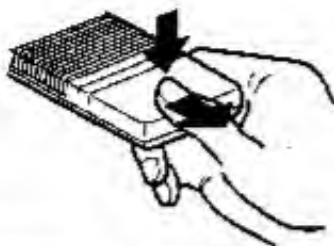
Note:
Remove the plug from the wall outlet
when the TV set is not used for a
prolonged period of time.

For Warnings and Cautions details, refer to page 56.

Battery Installation and Replacement

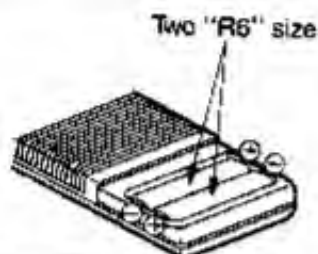
Batteries: Use two "R6" size batteries

1



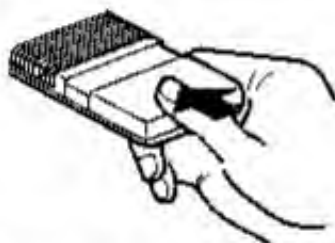
Open the cover.
Push down and remove the cover.

2



Replace the batteries.
Insert the batteries with the correct polarity as indicated by the "+" and "-" symbols.

3



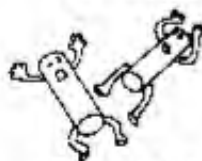
Replace the cover.

Do not use rechargeable (Ni-Cd) batteries.
They are partially different in shape and performance and may fail to ensure the desired function.

Battery precautions

The incorrect use of batteries can cause electrolyte leakage which will corrode the remote control transmitter or cause the batteries to burst. The following precautions must be observed carefully.

Old Batteries



Replace both batteries at the same time.
Dispose of them immediately.

New Batteries



Don't mix battery types
(alkaline with carbon zinc, etc.)

Don't



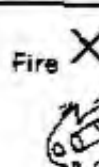
Recharge



Short-circuit

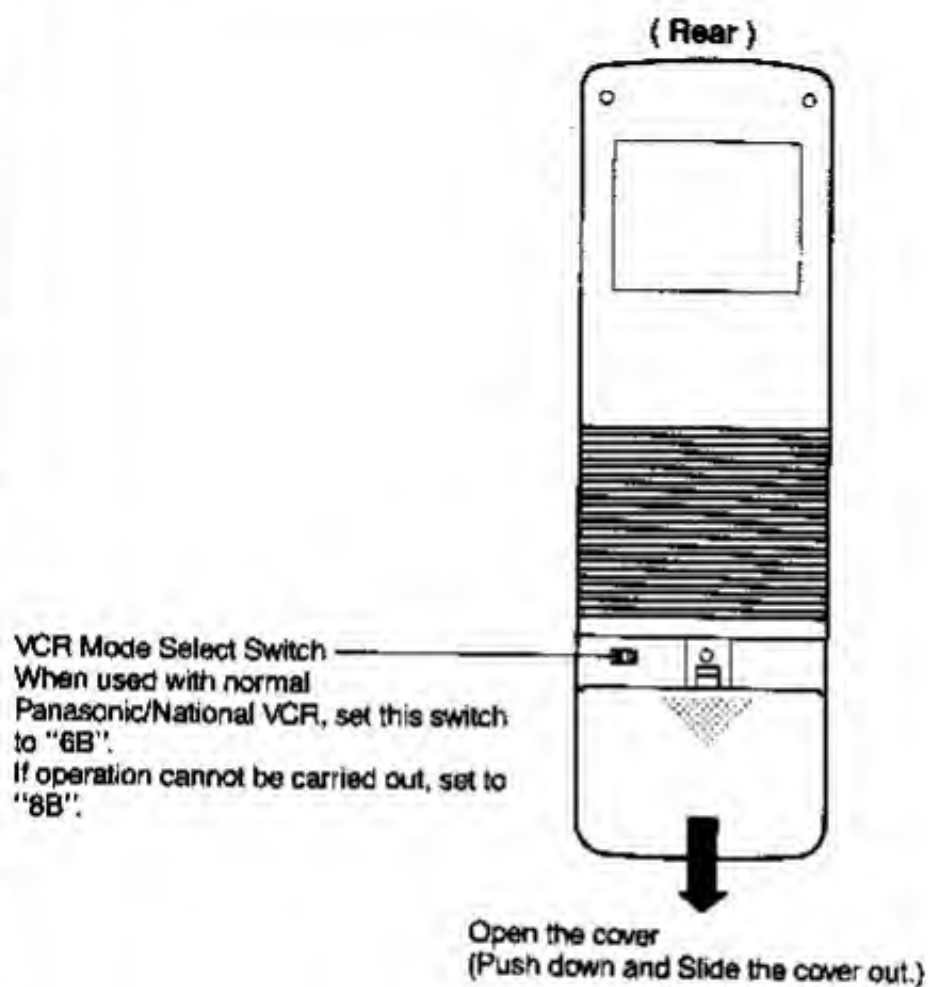


Disassemble



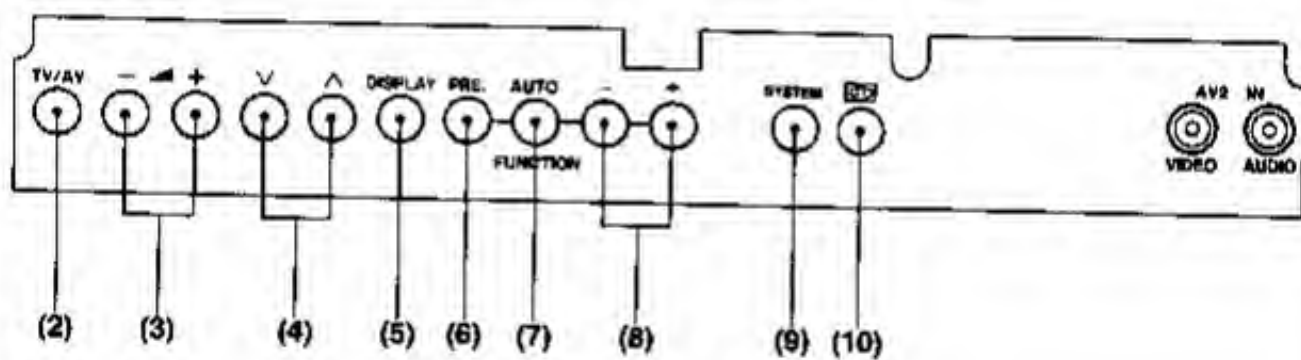
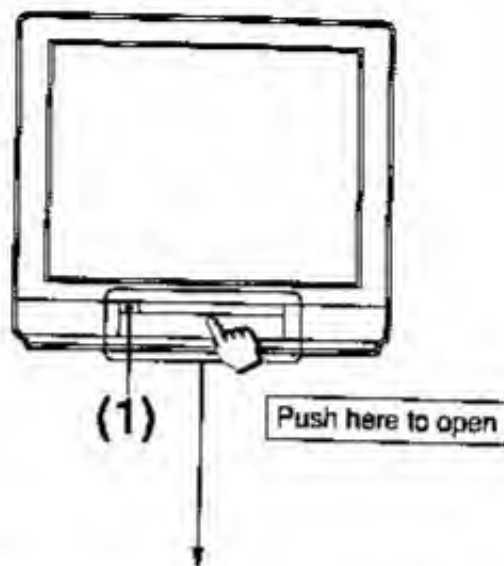
Heat or Burn

VCR Mode Selection



Location of Controls for TV Set

Controls panel

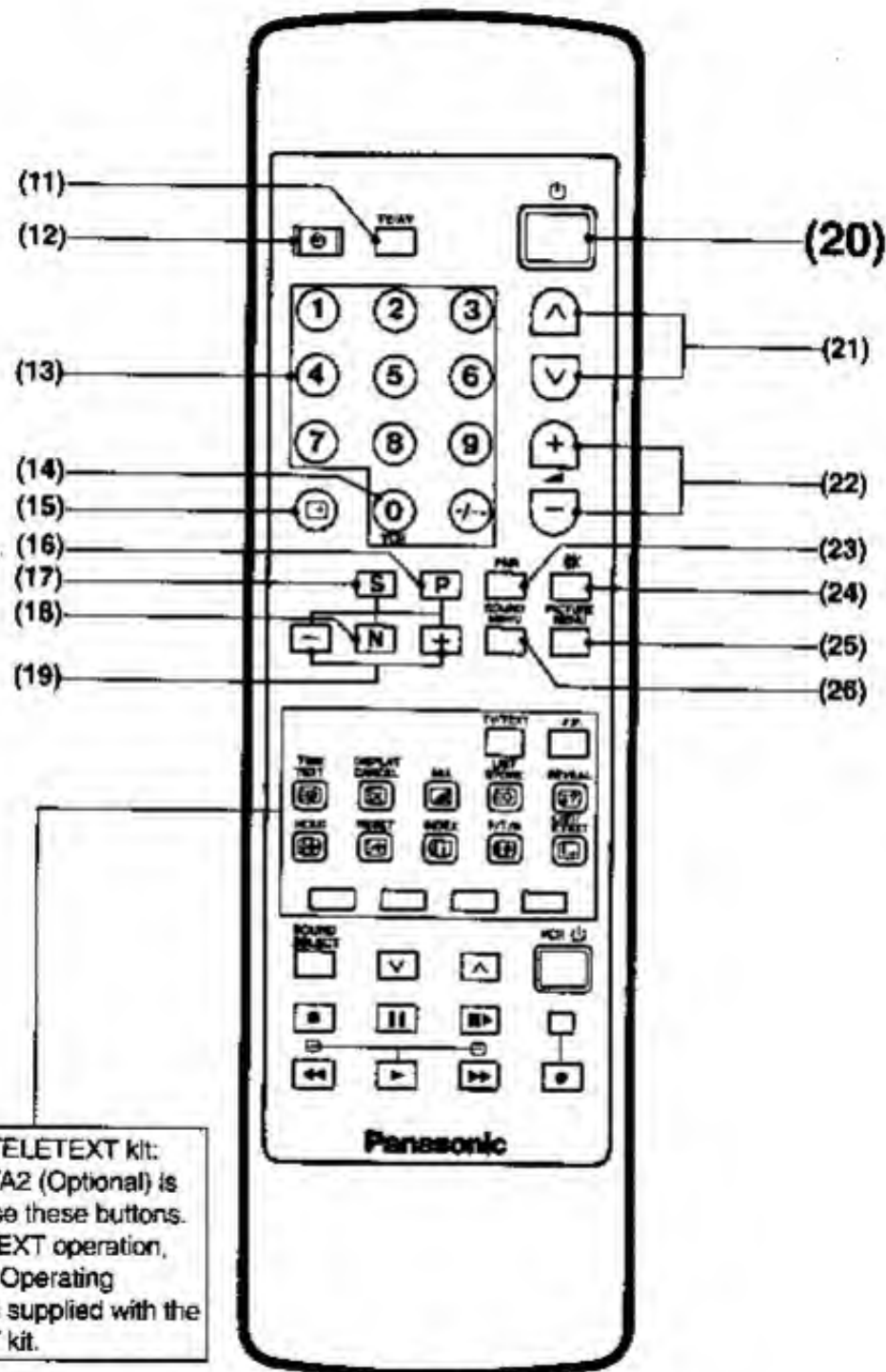


Location of Controls for TV Set

No.	Description
(1)	Power Switch
(2)	TV/AV Selection Button
(3)	Volume Up and Down Buttons
(4)	Programme Number Up and Down Buttons
(5)	Display Button
(6)	Preset Button
(7)	Auto/Function Button
(8)	Level Adjustment Buttons
(9)	System Selection Button (Colour System)
(10)	Game Position Button

Location of Controls for Remote Control

For Regular TV Operation



Location of Controls for Remote Control

No.	Description
-----	-------------

(11)	TV/AV Selection Button
------	------------------------

(12)	Off-Timer Button
------	------------------

(13)	Direct Programme Number Selection Buttons
------	---

(14)	O/VCR Button
------	--------------

(15)	Recall Button
------	---------------

(16)	Picture Function Button
------	-------------------------

(17)	Sound Function Button
------	-----------------------

(18)	Normalisation Button
------	----------------------

(19)	Function level Up and Down Buttons
------	------------------------------------

(20) Power (Stand-by) Button	
-------------------------------------	--

(21)	Programme Number Up and Down Buttons
------	--------------------------------------

(22)	Volume Up and Down Buttons
------	----------------------------

(23)	Picture Noise Reduction Button
------	--------------------------------

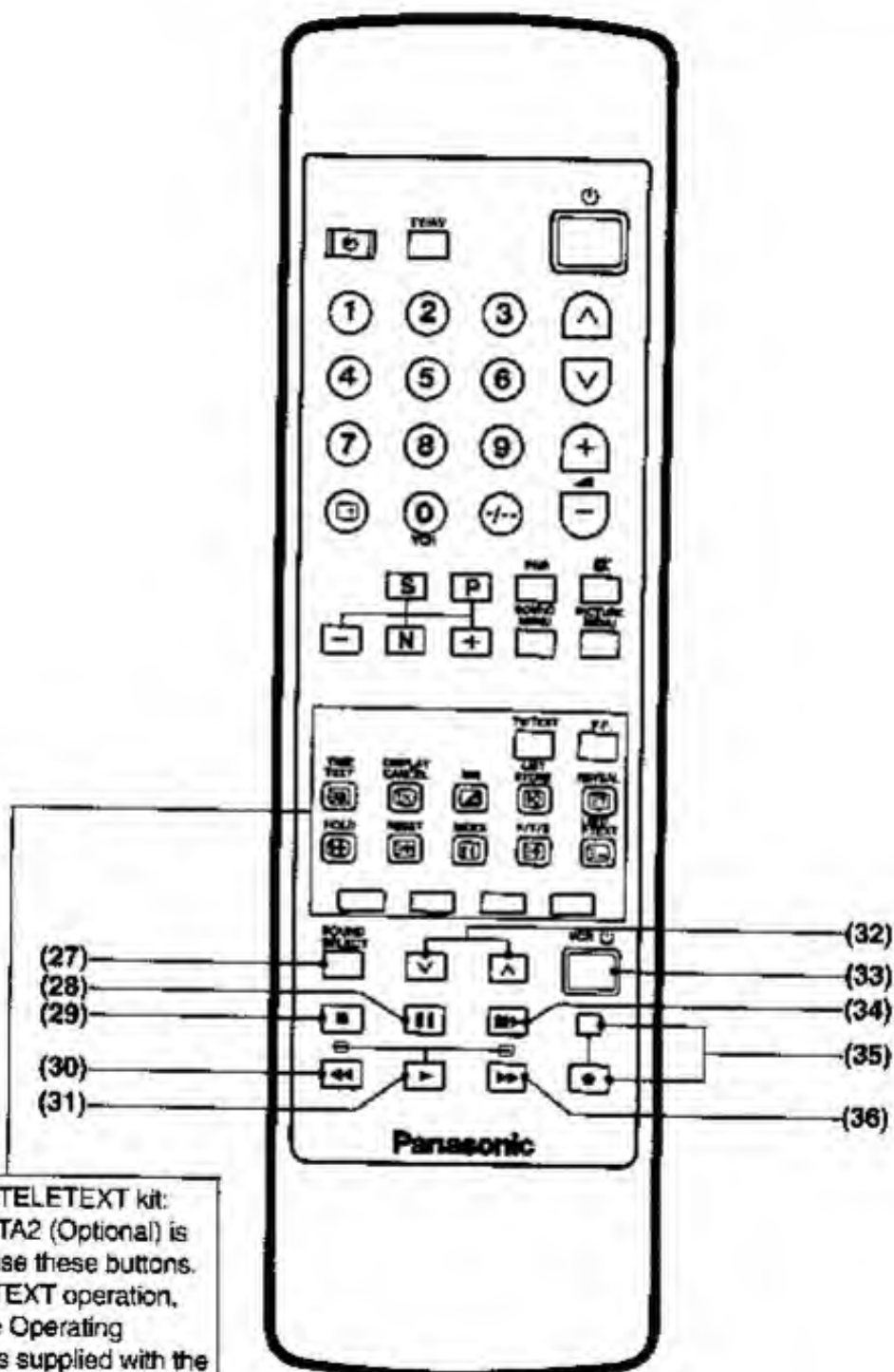
(24)	Mute Button
------	-------------

(25)	Picture Menu Button
------	---------------------

(26)	Sound Menu Button
------	-------------------

Location of Controls for Remote Control

For VCR Operation



When the TELETEXT kit: Model TY-TA2 (Optional) is adapted, use these buttons. For TELETEXT operation, refer to the Operating Instructions supplied with the TELETEXT kit.

Location of Controls for Remote Control

No.	Description
-----	-------------

(27)	Sound Selection Button for VCR
------	--------------------------------

(28)	Pause Still Button
------	--------------------

(29)	Stop Button
------	-------------

(30)	Rewind/Review Button
------	----------------------

(31)	Play Button
------	-------------

(32)	Programme Number Up and Down Buttons for VCR
------	--

(33)	VCR Power Button
------	------------------

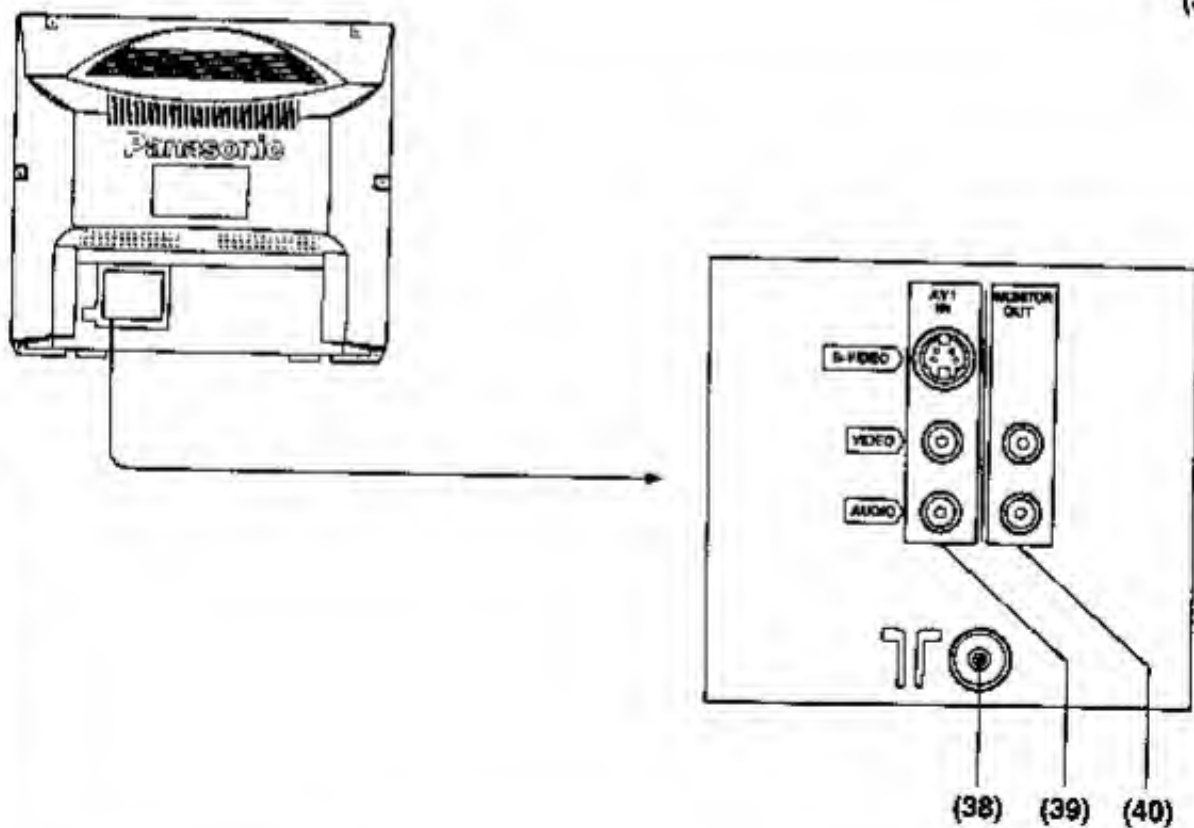
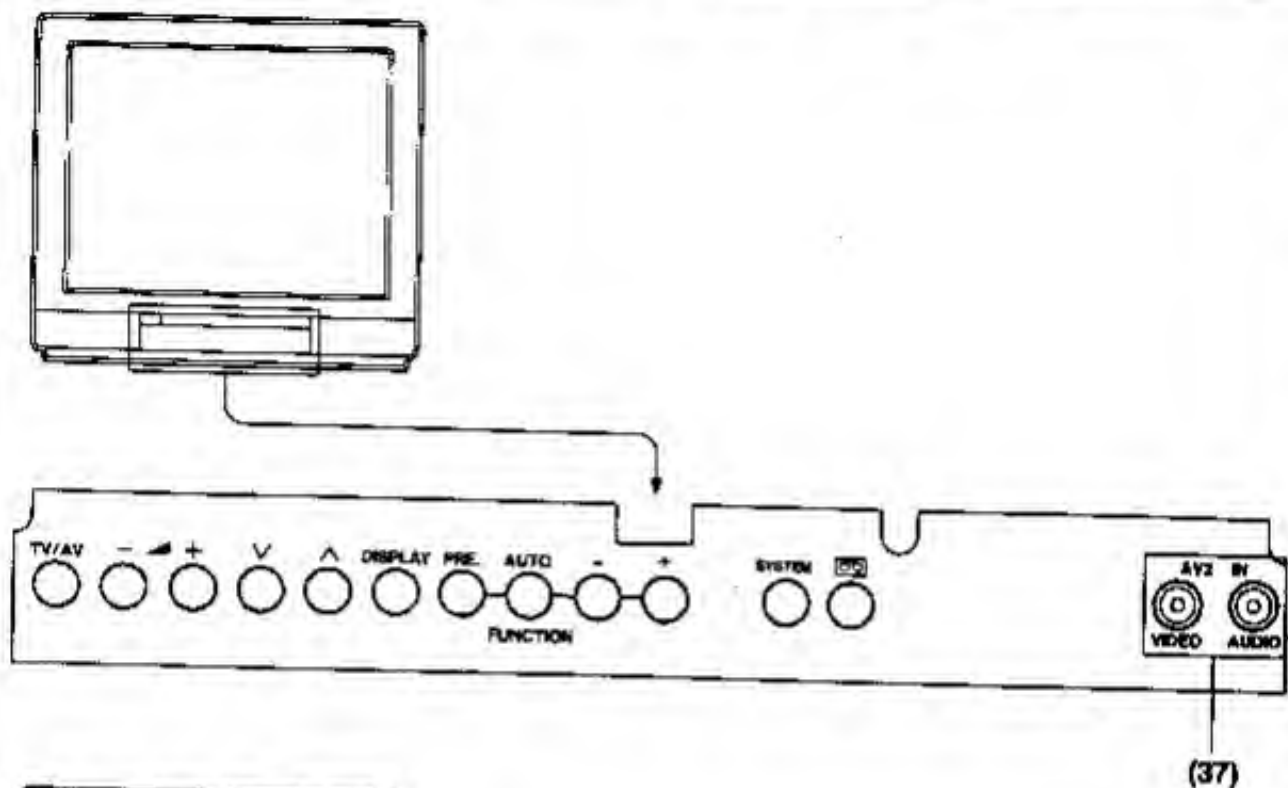
(34)	Still Advance Button
------	----------------------

(35)	Record Buttons
------	----------------

(36)	Fast Forward Button
------	---------------------

Location of Terminals

Location of Front and Rear Terminals



Location of Terminals

No.	Description
(37)	AV2 Input Terminals
(38)	Aerial Terminal
(39)	AV1 Input Terminals
(40)	Monitor Output Terminals

How to Connect an Aerial

To obtain the best quality picture and sound, an Aerial, the correct cable (75 Ohm coaxial) and the correct terminating plug will be required.

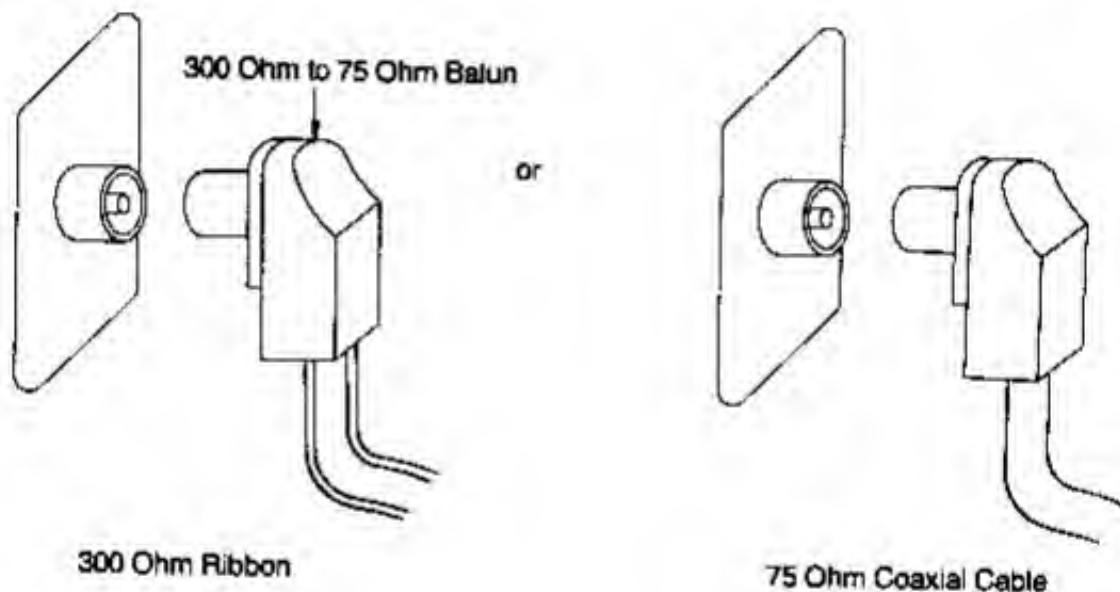
If a communal Aerial system is used, you may require the correct connection cable and plug between the wall Aerial socket and your television receiver.

Your local Television Service Agent or Dealer may be able to assist you in obtaining the correct Aerial system for your particular area and any accessories required.

Any matters regarding Aerial installation, upgrading of existing systems or accessories required, and the costs incurred, are the responsibility of the customer.

Note:

If your existing Aerial system uses 300 Ohm ribbon cable you will require to use a 300 Ohm to 75 Ohm Balun. See below.



Automatic Turn-off Function

Noise Timer

If the set is not switched off when the TV station stops broadcasting, it will automatically go to stand-by condition after 30 minutes.

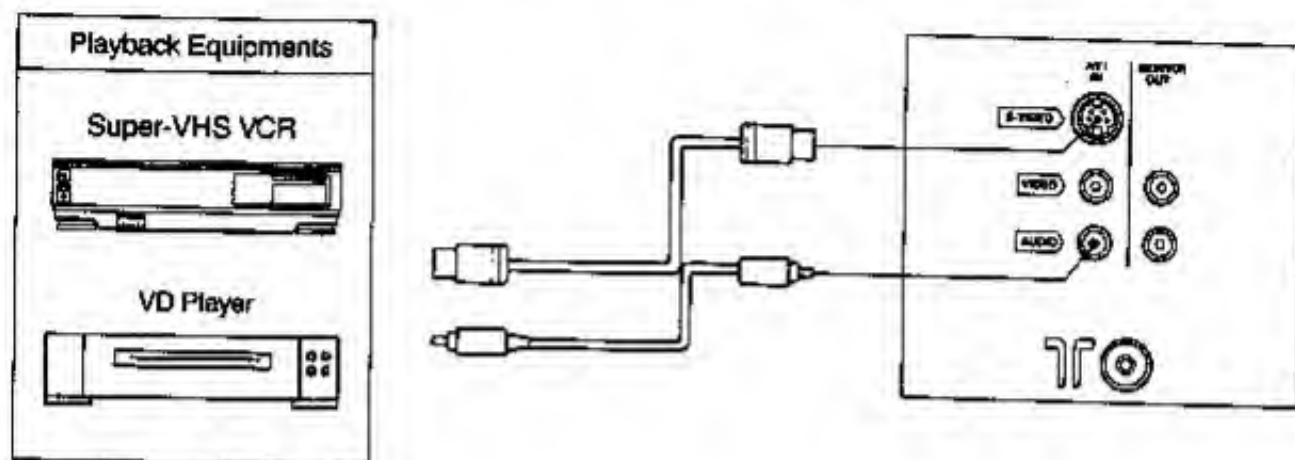
Note:

This function will not operate when the Television receiver is on AV mode.

Connection

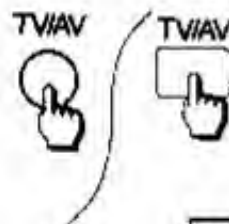
Pattern 1: Via the S-Video and Audio Terminals

Connect the "AV1" (S-Video and Audio) Terminals and Other Equipments as follows.



AV1 Select Operation

1



Select the "AV1" mode by pushing this button, you can sequentially select TV and two AV modes (AV1 and AV2), as shown below. Selecting mode will appear on the top left of the screen.

Note:

When the S-Video cable is connected to AV1 (S-Video) Terminal, the "S-Video" symbol will be displayed on the screen as shown left.

2



Push the "PLAY" Button on the Connected Equipment.

Connection

Helpful Hint

SYSTEM



System Button

On the AV mode, if the clear picture cannot be obtained even when the AV signal is received, push the System Button repeatedly until the optimum image can be produced.

For operation details, refer to "System Select Operation" on page 39.

Note:

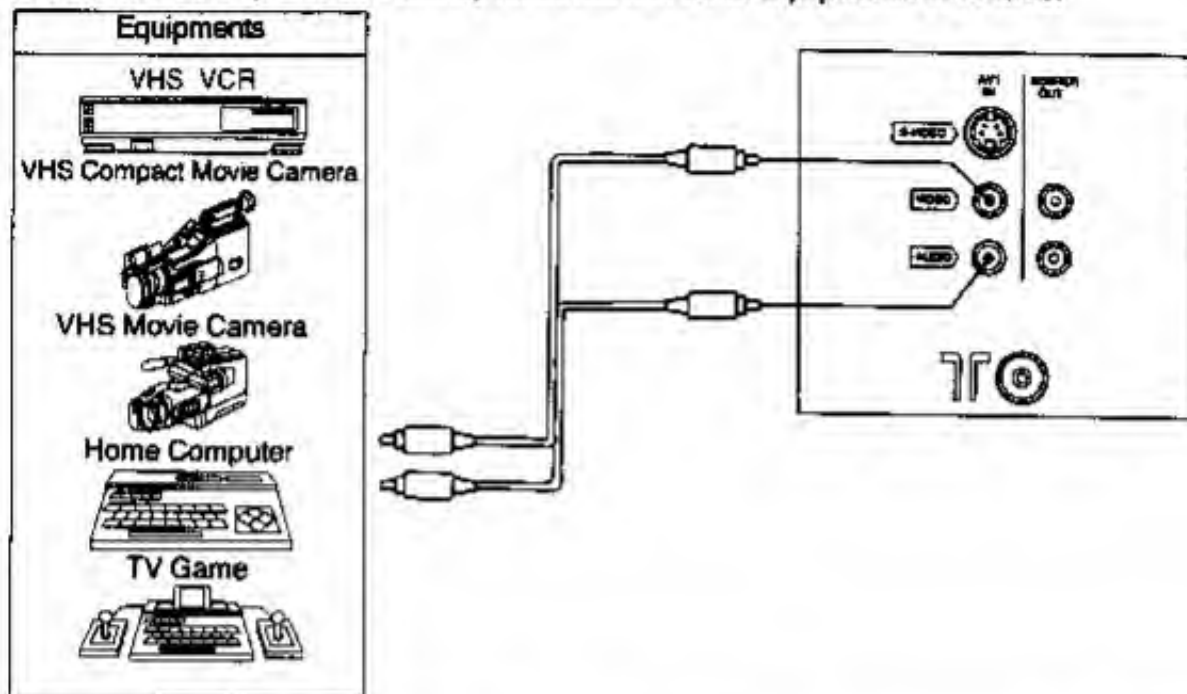
If the AV signal cannot be obtained from playback equipment, the colour on TV screen will appear according to the receiving Colour System. (Refer to page 39 for details of Colour System.)

Connection

Pattern 2: Via the Video and Audio Terminals

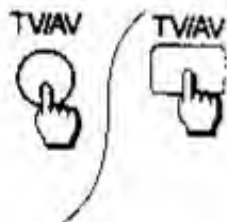
(e.g. Selecting the "AV1" mode)

Connect the "AV1" (Video and Audio) Terminals and Other Equipments as follows.



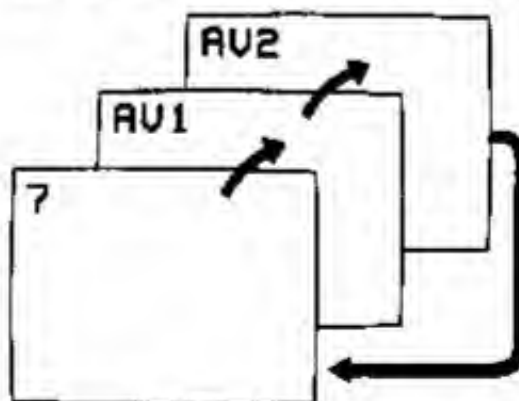
AV Mode Select Operation

1



Push the "TV/AV Selection" Button to select TV mode and two AV modes (AV1 and AV2).

The on-screen display will be changed as follows. Selecting mode will appear on the top left of the screen.



2



Push the "PLAY" Button on the Connected Equipment.

Connection

Helpful Hint

SYSTEM



System Button

On the AV mode, if the clear picture cannot be obtained even when the AV signal is received, push the System Button repeatedly until the optimum image can be produced.

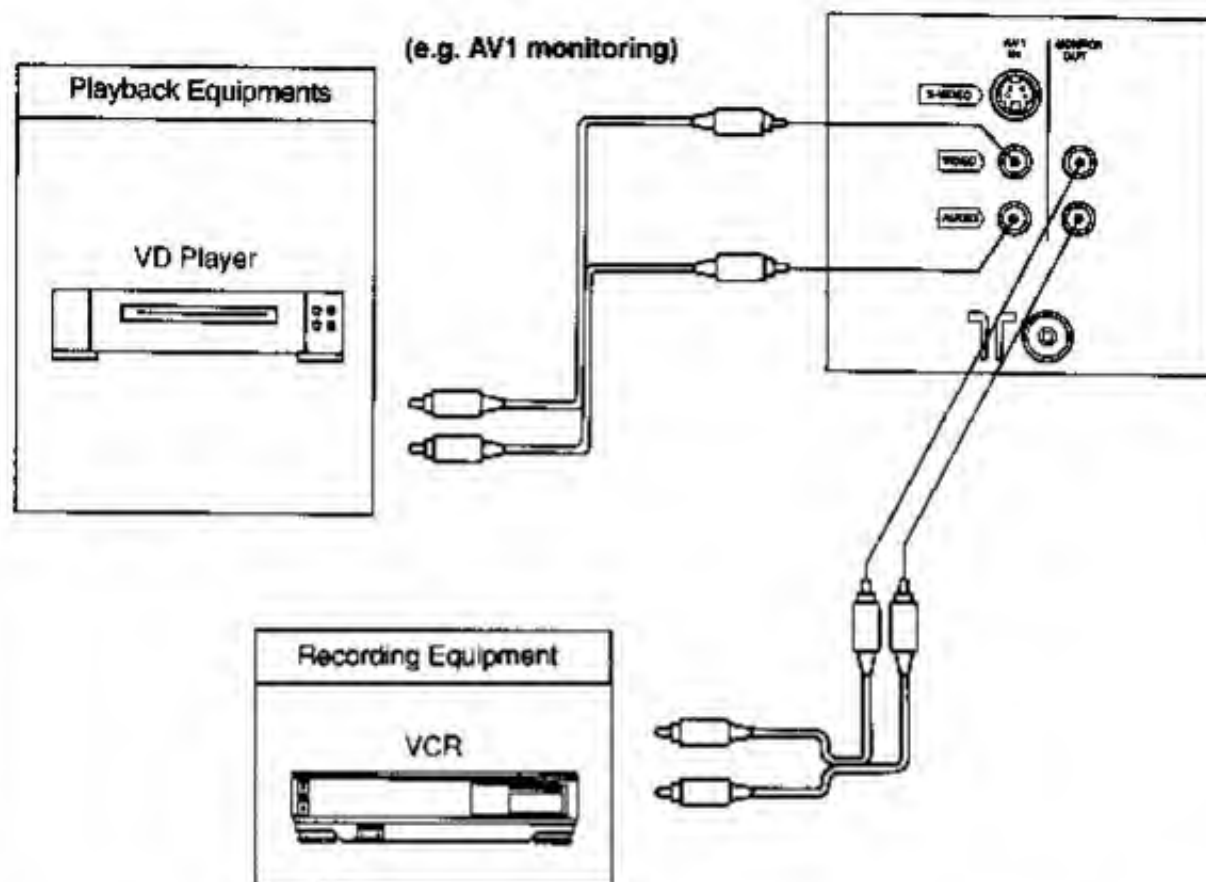
For operation details, refer to "System Select Operation" on page 39.

Note:

If the AV signal cannot be obtained from playback equipment, the colour on TV screen will appear according to the receiving Colour System. (Refer to page 39 for details of Colour System.)

Pattern 3: Via the "Monitor Out" Terminals

Connect the "Playback" Equipment and "Recording" Equipment via the TV set as follows.



"Monitor Out" Terminals contain signals which are on the TV screen at that time, e.g. TV programmes or signals from AV1 or AV2 input.

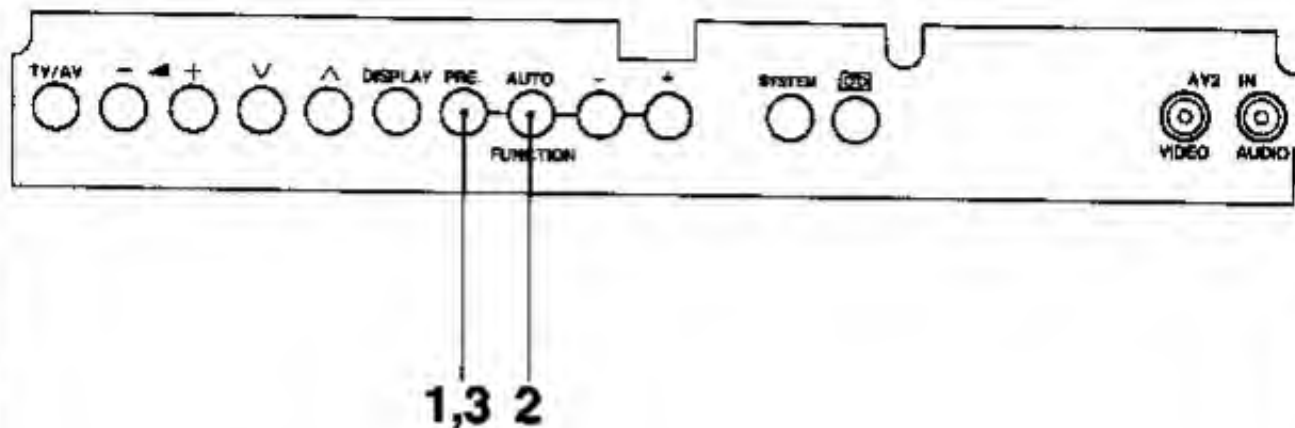
Operation

- 1 Select the AV mode.
In this case, select the AV1 mode.
For Operation in detail refer to page 22 and 23.
- 2 Push the "PLAY" Button on the Connected Equipment.

Note:

Never connect the same video recorder with both the VIDEO IN and VIDEO OUT Terminals on this TV set, as this would cause malfunction and could lead to accidents.

Tuning Procedure (Automatic Search)



This TV set will search automatically through all of the VHF and UHF bands. After completion, the best tuning position is automatically memorized on each Programme Number.

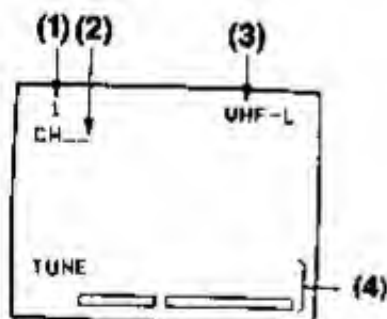
(TV set must be turned on.)

1

PRE.



Push the "PRE." (PRESET) Button until the on-screen display will appear as shown below.



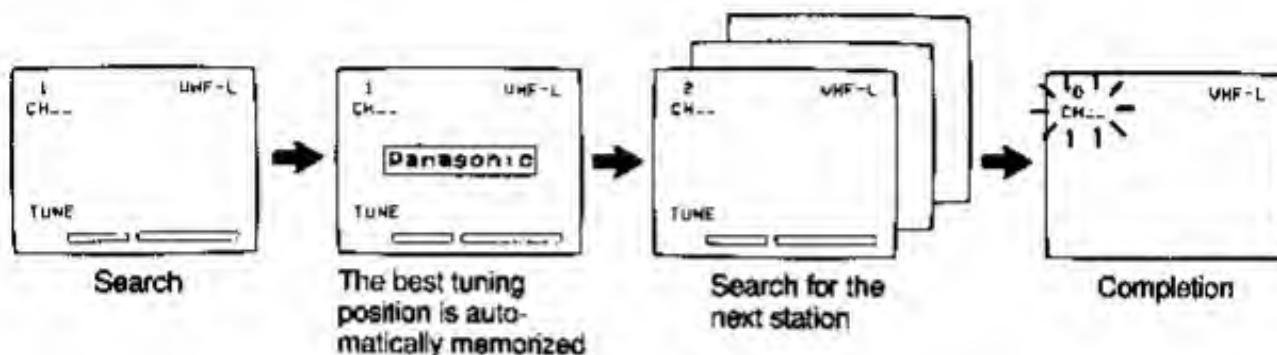
- (1) Programme Position Number
- (2) Programme Name Writing
- (3) Band
- (4) Tuning bar

Tuning Procedure (Automatic Search)

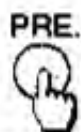
2



Push the "Auto/Function" Button.



3

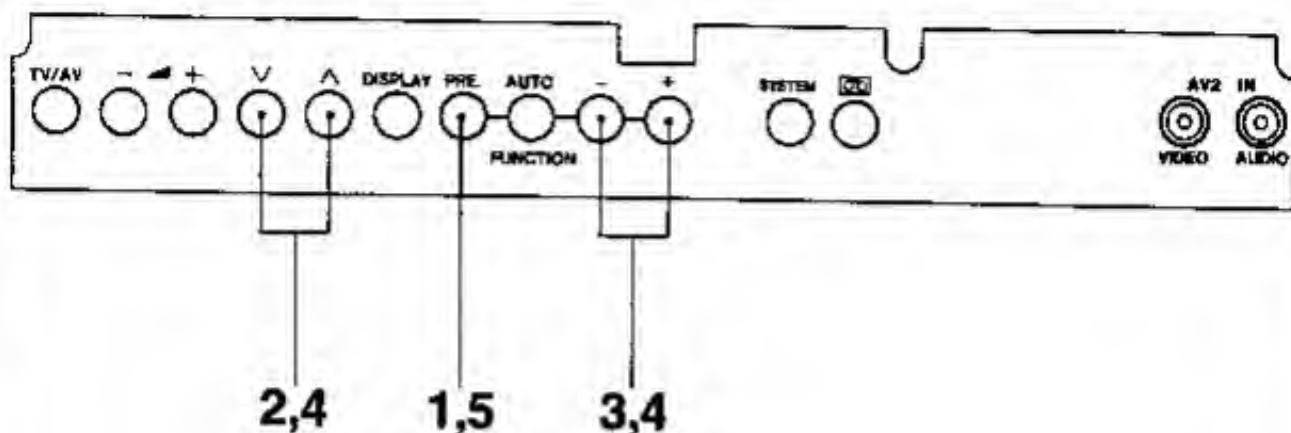


Return the TV set to the normal operation mode by pushing this button twice.
A maximum of 30 channels can be programmed.

Helpful Hint

- (1) If you need the station name on the screen display together with programme position, refer to the Programme Name Writing operation on page 34 and 35 for operation details.
- (2) After all stations are tuned, push the Programme Number "Up" Button to confirm the tuning condition for each programme position. If Programme Position is undesired, it is possible to skip the Programme Number. Please refer to the Programme Number Skip operation on page 36 and 37.

Tuning Procedure (Manual Search)



In case only few TV broadcastings can be received in your area, this Manual Search operation may be preferable.

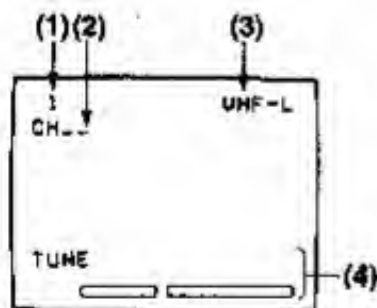
(TV set must be turned on.)

1

PRE.



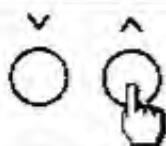
Push the "PRE." (PRESET) Button until the on-screen display will appear as shown below.



- (1) Programme Position Number
- (2) Programme Name Writing
- (3) Band
- (4) Tuning bar

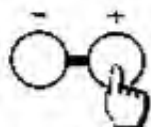
Tuning Procedure (Manual Search)

2



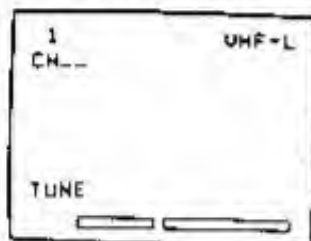
Push either the Programme Number Up '^' or Down 'V' Button to select the desired Programme Number on which you want to tune the TV station of your choice.

3

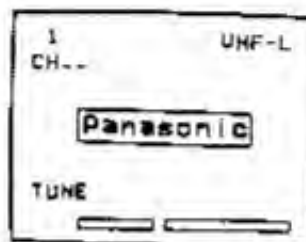


Upward Search

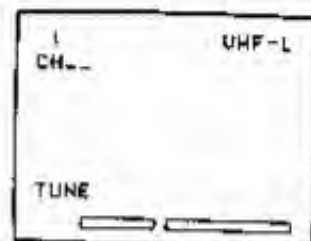
Push either the Level Adjustment Up '+' or Down '-' Button, the TV station broadcasting on the next higher or lower frequency will be automatically tuned and memorized.



Search



The best tuning position is automatically memorized



If an undesired TV station is received, push the same button again until the desired TV station is tuned.

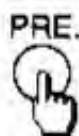
4

Repeat steps 2 and 3 to tune all the available TV stations on the remaining programme numbers.

Note:

Ensure that a new programme number is set (Step 2) before tuning the next station.

5



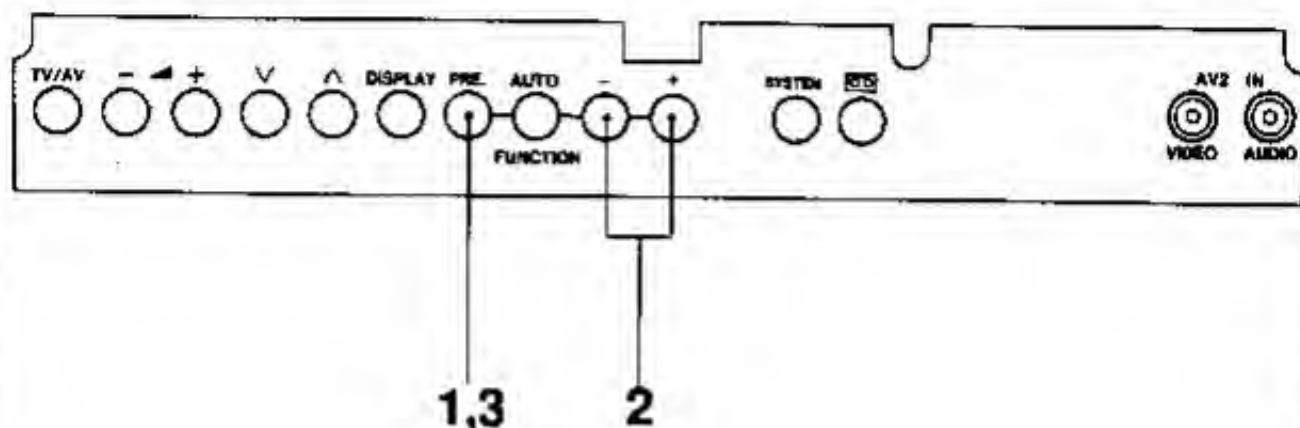
Return the TV set to the normal operation mode by pushing this button three times.

A maximum of 30 channels can be programmed.

Helpful Hint

- (1) If you need the station name on the screen display together with programme position, refer to the Programme Name Writing operation on page 34 and 35 for operation details.
- (2) After all stations are tuned, push the Programme Number "Up" Button to confirm the tuning condition for each programme position. If Programme Position is undesired, it is possible to skip the Programme Number. Please refer to the Programme Number Skip operation on page 36 and 37.

Fine Tuning Operation



Under normal reception condition, this function is not used. However, in areas of poor reception or constant interference, a slight adjustment of the tuning may improve the picture and sound quality.

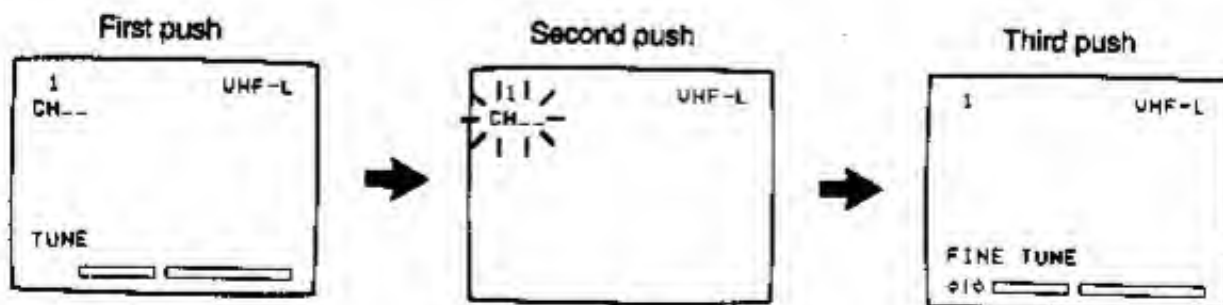
(TV set must be turned on.)

1

PRE.

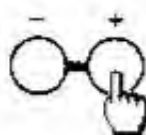


Push the "PRE." (PRESET) Button three times. The on-screen display will appear as shown below.



Fine Tuning Operation

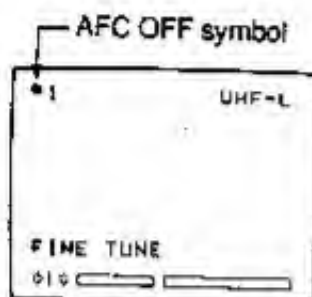
2



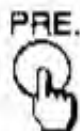
Push and hold the Level Adjustment Up "+" or Down "-" Button until picture and sound are improved.

When the above fine tuning operation has been performed, the AFC function is deactivated, so that the "■" symbol appears to the left of the Programme Number.

The on-screen display will appear as shown.



3



Return the TV set to the normal operation mode by pushing this button once.

Fine Tuning Cancel Operation

Activating the AFC (Automatic Frequency Control) Function.

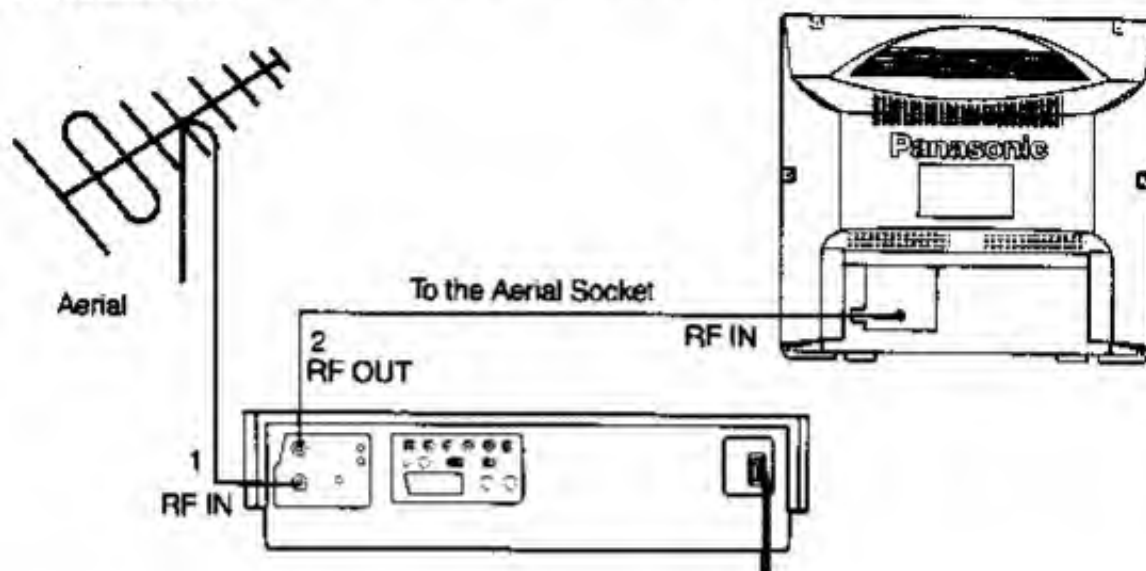
If you later want to reset this Programme Number to the automatically tuned condition with activated AFC function, perform the following operation step:

- (1) Select the programme position conditioned on the AFC off position.
- (2) Operate the Tuning procedure (Manual Search). Refer to page 28 and 29.

Tuning the TV Set to the VCR

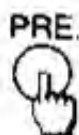
Connection

1. Connect the external aerial to the RF Input Socket on the VCR.
2. Connect the aerial terminal on the TV set to the RF Output Socket on the VCR with the supplied DIN-DIN Coaxial Cable.

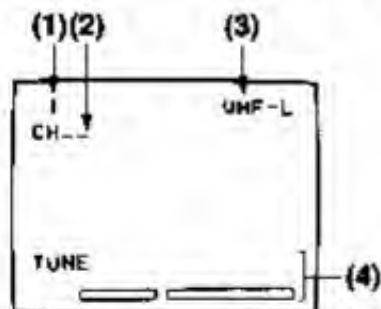


The adjustments described on this page are not necessary, if the VCR is connected to the TV set via the Video/Audio output sockets.

1

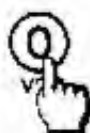


Push the "PRE." (PRESET) Button on the TV set until the on-screen display will appear as shown below.



- (1) Programme Position Number
- (2) Programme Name Writing
- (3) Band
- (4) Tuning bar

2



Select the "VCR" position by using "VCR" Button on the Remote Control.

Tuning the TV Set to the VCR

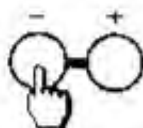
3

Push the VCR On/Off Button on the VCR to turn the VCR On.

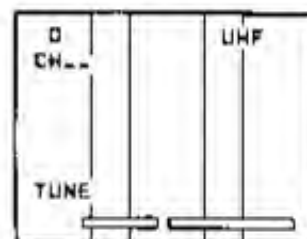
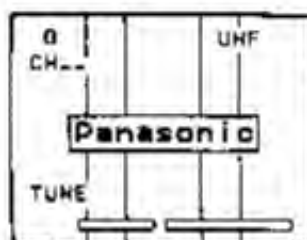
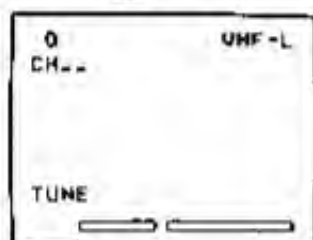
4

Set the "Test Signal" Switch to "TEST" position on the VCR.

5



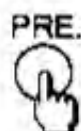
Push the MANU. Down "-" Button on the TV set, the TV station broadcasting on the UHF will be automatically tuned and memorized. Confirm on the TV set that the received test pattern is as shown below.



Note:

This test pattern is used on the Panasonic/National VCR only.

6



Return the TV set to the normal operation mode by pushing this button three times.

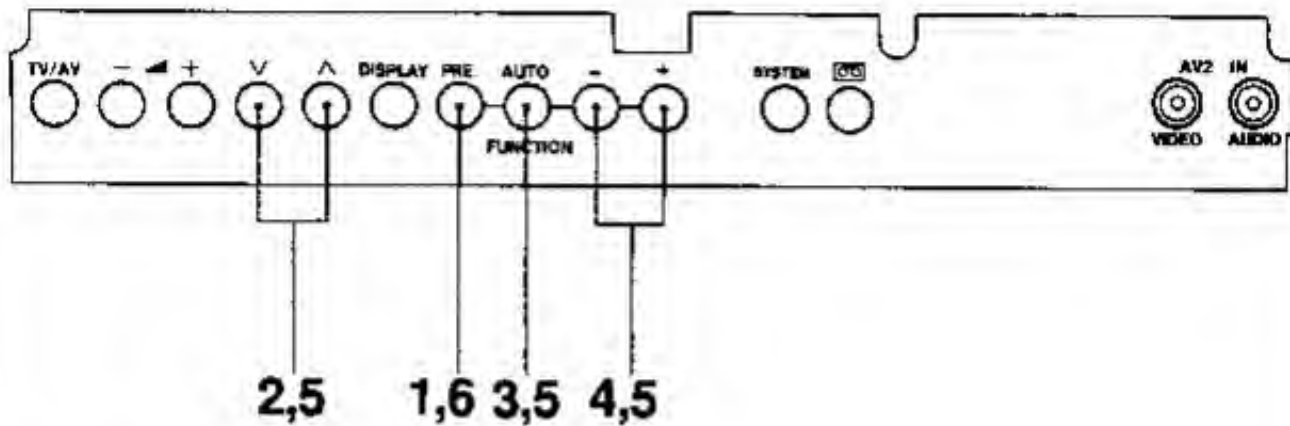
7

Set the "Test Signal" switch to "Off" on the VCR.
The TV is now ready to receive the RF output signal from the VCR.

Helpful Hint

If you want the station name on the screen display together with programme position, for operation details, refer to the Programme Name Writing operation on page 34 and 35.

Programme Name Writing Operation



This function is used, if you want to write the Programme Name on each Programme Number.

(TV set must be tuned on.)

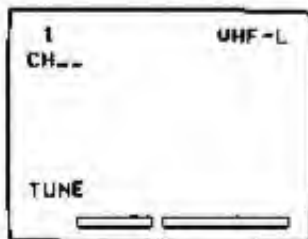
1

PRE.



Push the "PRE." (PRESET) Button twice.
The on-screen display will appear as shown below.

First push

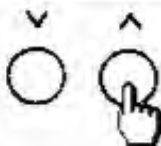


Second push



Programme Name Writing Operation

2



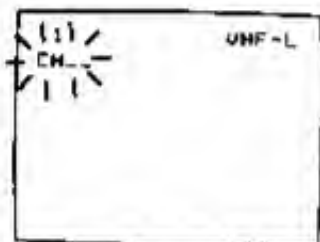
Select your desired programme number position.

3

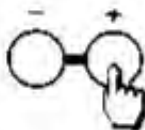


By pushing this button, you can select one of the four columns as follows.

Each time this button is pushed, the next column selected will be flashing.



4



Select your desired character by pushing these buttons. Each time "+" Button is pushed, the character will be changed as follows.

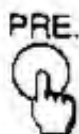
0→1→2.....8→9→A→B.....X→Y→Z→-

Each time "-" Button is pushed, the character will be changed in reverse direction.

5

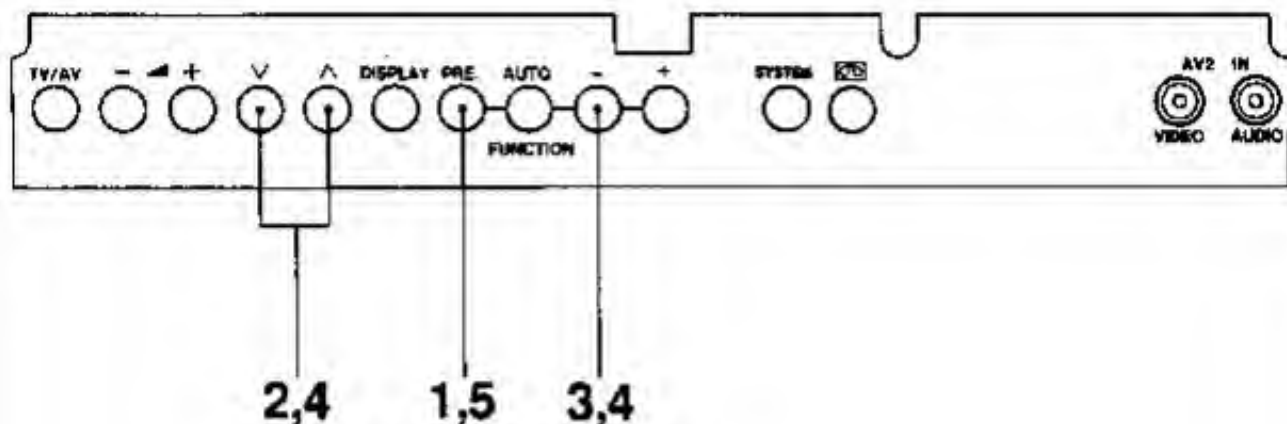
Repeat steps 2 through 4 for the remaining programme positions.

6



After the Programme Name Writing operation is completed, push the "PRE." (PRESET) Button twice.

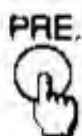
Programme Number Skip Operation



This function makes it possible to skip the programme numbers on which no TV station are tuned. This function is only effective when selecting TV station by pushing the programme number Up or Down Button either on the TV set or the Remote control.

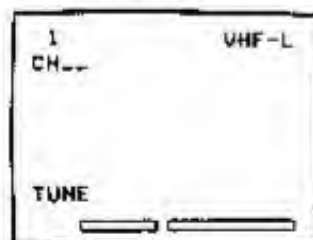
(TV set must be turned on.)

1



Push the "PRE." (PRESET) Button twice.
The on-screen display will appear as shown below.

First push

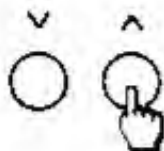


Second push



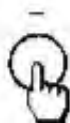
Programme Number Skip Operation

2

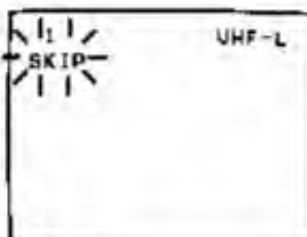
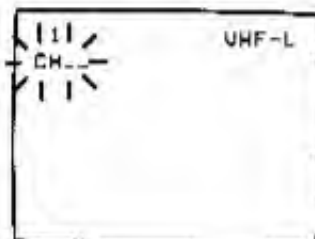


Select a programme number you want to skip.

3



Push the "-" Button.
The on-screen display will be changed as shown below.

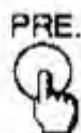


The "SKIP" Indicator will appear.
Then Skip function is set on a programme position.

4

Repeat steps 2 and 3 for the remaining undesired programme position.

5



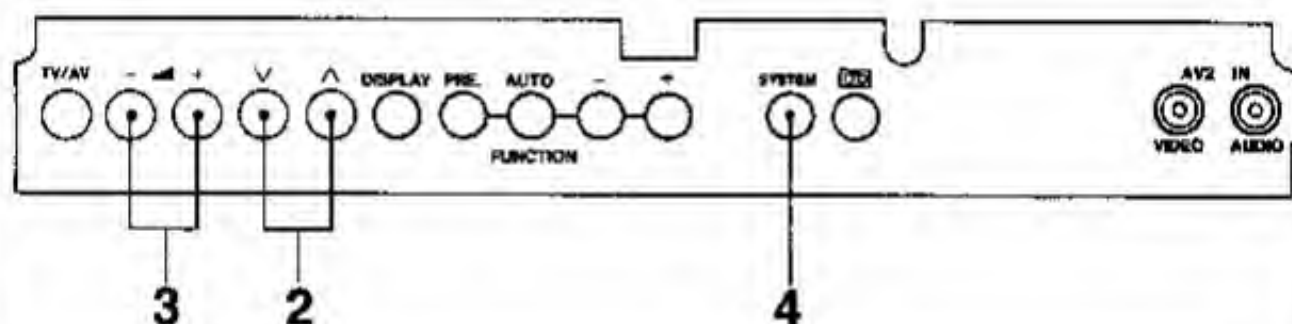
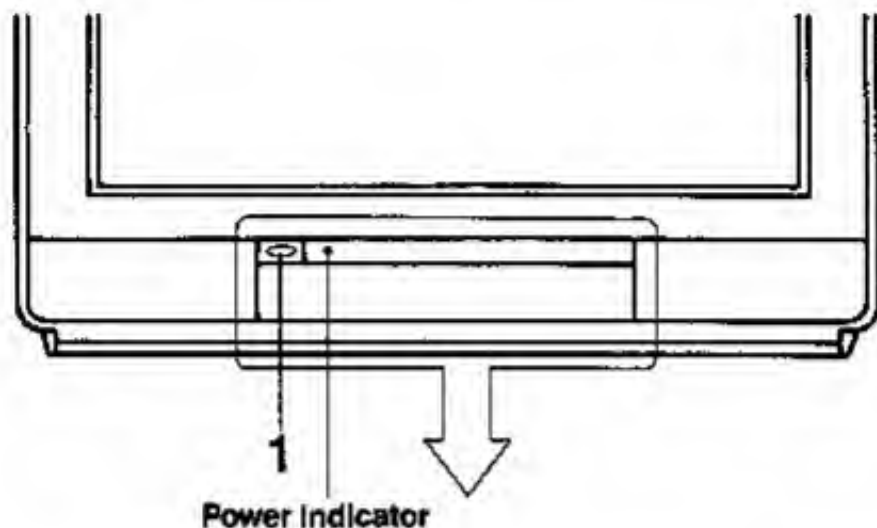
After the skip operation is completed, push the "PRE." (PRESET) Button twice.

How to cancel the skip function

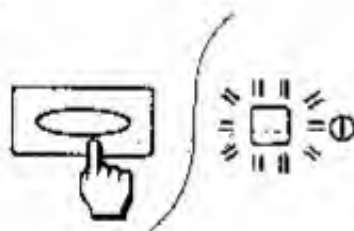
Method:

- (1) Push the "PRE." (PRESET) Button twice.
Refer to Step 1 on page 36.
- (2) Select the skipped programme number by using programme number "Up" or "Down" Button.
Refer to Step 2 on this page.
- (3) Push the "-" Button.
The on-screen indicator will be changed from "SKIP" to "----".
Then skip function will be canceled.
- (4) Repeat steps (2) and (3).
- (5) Push the "PRE." (PRESET) Button twice.

Basic Operation on the TV Set



1

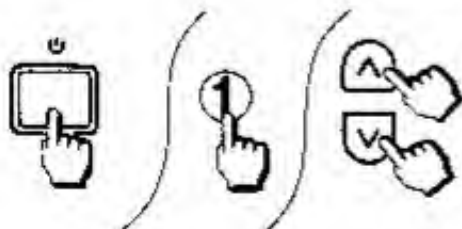


Power on/off operation

Push the "Power Switch" to turn the TV set on.
Power indicator will light up.

If the on-screen display does not appear, the TV set is in stand-by condition. Then push the Programme Number "Up" or "Down" Button on the TV set.

Push the "Power Switch" again to turn the TV set off.

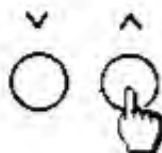


Note:

In the stand-by condition, it is able to turn the TV set on by pushing the "Power (Stand-by)" Button, "Direct Programme Number Selection" Buttons (0—9) and Programme Number Up and Down Buttons on the remote control.

Basic Operation on the TV Set

2



Programme Number Up/Down Operation

Push the Programme Number Up "▲" Button to select the higher programmes.

Push the Programme Number Down "▼" Button to select the lower programmes.

3



Volume Up/Down Operation

The sound level can be adjusted in steps.

Push the Volume Up "+" Button to increase the sound level.

Push the Volume Down "-" Button to decrease the sound level.



On-screen display will appear as shown.

4

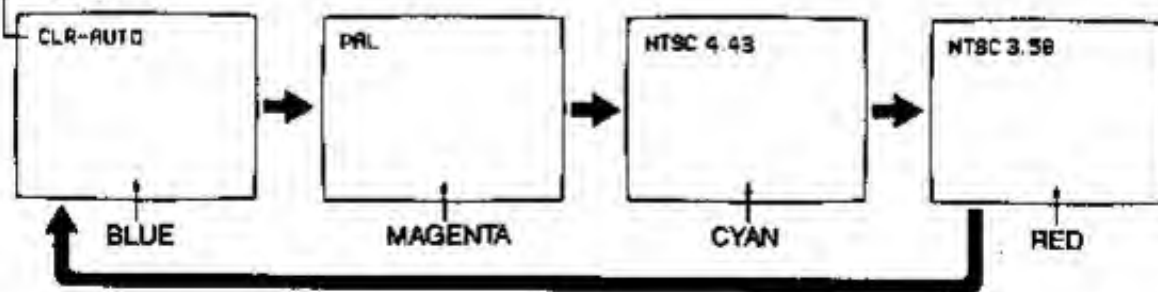
SYSTEM



System Select Button

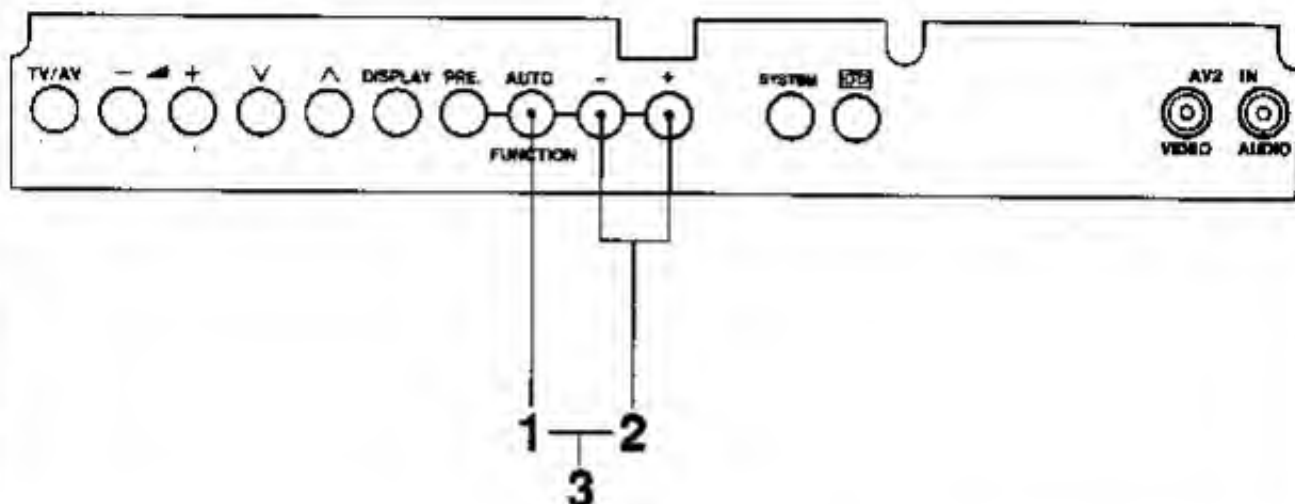
This Button is used only AV mode. Normally, the System Switch is automatically set to the CLR-AUTO Mode on the AV mode. If the clear picture cannot be obtained even when the AV signal is received, push the "System" Button repeatedly until the optimum image can be produced. The colour on TV screen will be changed as shown below.

Colour System



General Operation on the TV Set

Picture and Sound Control



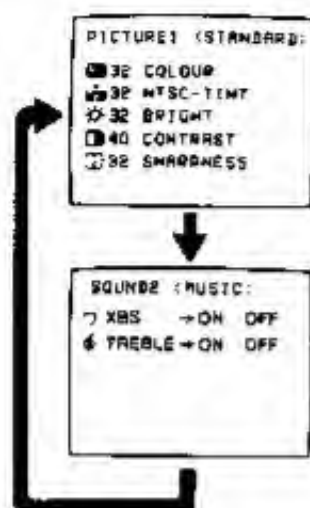
Picture and Sound have been set according to the factory-preset levels. You can change these settings according to your desired level. However you can change only the last function menu before standby function is enabled. When you want to set the other menu, use the "Picture Menu" Button or "Sound Menu" Button on the remote control.

1



By pushing the "Auto/Function" Button, the on-screen display will appear.

General Operation on the TV Set



By pushing the "Auto/Function" Button sequentially, the on-screen display will be changed as shown.

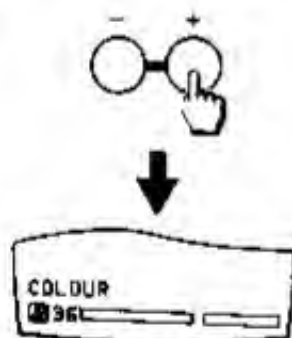
Select the desired function.



Note:

- XBS-Extra Bass System; When the XBS is activated, the dynamic low frequency ranges are boosted.
- "NTSC-TINT" indicator will appear on the screen only if "NTSC4.43" or "NTSC3.58" is selected.

2



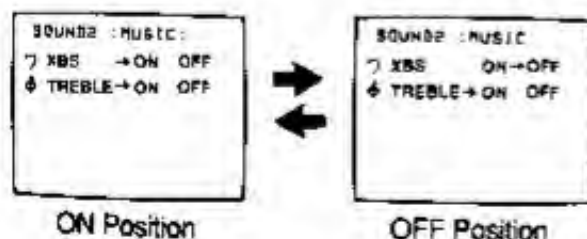
(e.g. Selecting the "COLOUR" function)

By using the Level Adjustment Up "+" or Down "-" Button, the level indicator on the screen will be changed as shown.

Push the "+" Button to increase the level of selected function.
Push the "-" Button to decrease the level of selected function.

(e.g. Selecting the "XBS" function)

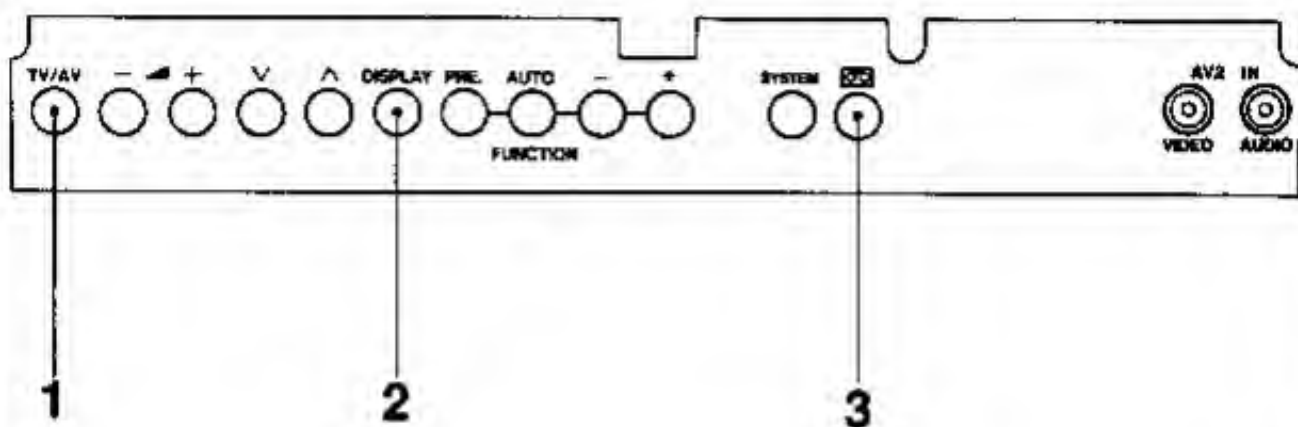
By using the Level Adjustment Up "+" or Down "-" Button, the arrow point at ON or OFF position and the colour is changed from white to red.



3

Repeat steps 1 and 2 for the remaining functions.

General Operation on the TV Set



1

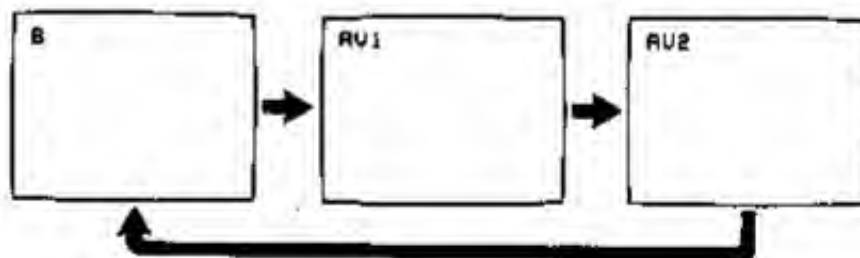
TV/AV



AV mode Select Operation

Push the "TV/AV Selection" Button to select the TV and two AV modes (AV1 and AV2).

The on-screen display will be changed as follows.



Note:

- (1) If the AV signal cannot be obtained from playback equipment, the Colour on TV screen will appear according to the receiving Colour System. (Refer to page 39 for details of Colour System.)
- (2) When TV mode is selected, the last Programme Number will appear on the screen.

General Operation on the TV Set

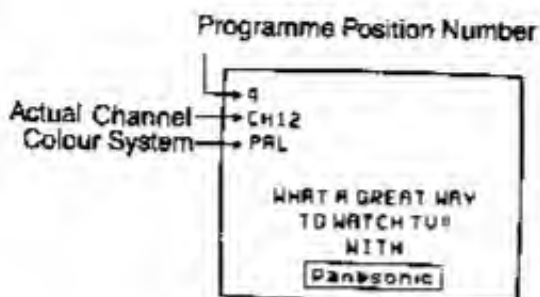
2

DISPLAY



Display Button

Push the "Display" Button, the on-screen display will appear as shown below.



Note:

When this button is pushed, the Picture and Sound menu will be changed to Picture 2 (DYNAMIC) and Sound 2 (MUSIC).

And each level will be changed to Normal mode.

For Picture and Sound menu details, refer to Picture and Sound Operation on pages 46 through 49.

Push again the "Display" Button, the on-screen display will disappear.

3



Game Position Button

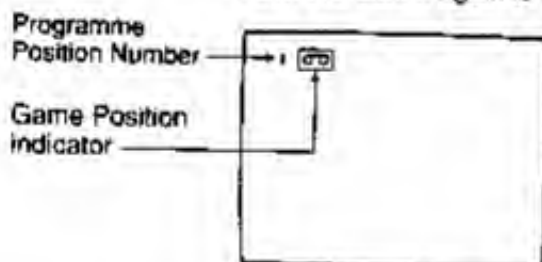
By pushing the "Game Position" Button, reproduction of irregular signals such as certain TV games and rental video tapes will be improved.

This function is effective when the RF IN Terminal is connected.

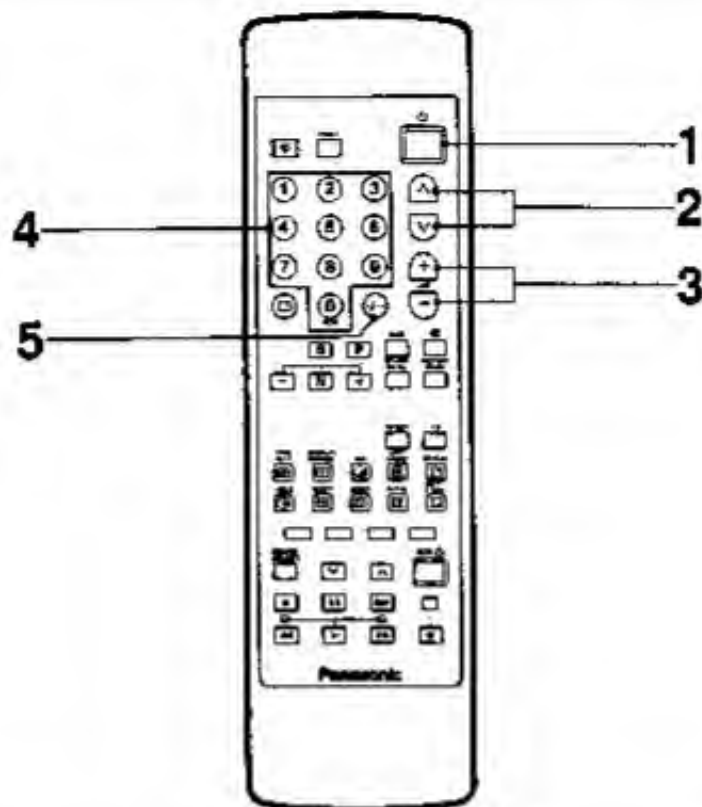
The "Game Position" indicator will appear as shown below.

On-screen display will disappear automatically.

Push this button again to cancel.



Basic Operation on the Remote Control

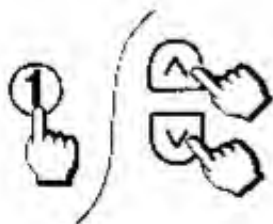


The Remote Control can only be used when the "Power" Button is in the on condition.
(The Power Indicator on the TV set lights up)

1



Power (Stand-By) Button
Push this button to turn the TV set on.
Push it again to turn the TV set off.

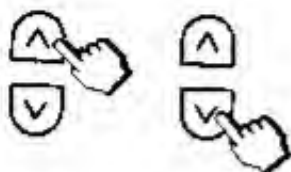


It is able to turn the TV set on by pushing the "Direct Programme Number Selection" Buttons (0—9) and the "Programme Number Up or Down" Button.

Note:
Do not leave the TV set in the stand-by condition for a long period of time.
It is better to switch it off when you are away for extended period of time.

Basic Operation on the Remote Control

2

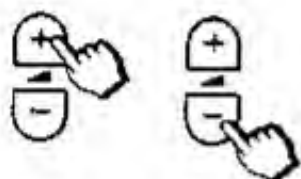


Programme Number Up/Down Buttons

Push the Programme Number Up "▲" Button to select the higher programme numbers.

Push the Programme Number Down "▼" Button to select the lower programme numbers.

3



Volume Up/Down Buttons

Push the Volume Up "+" Button to increase the sound level.

Push the Volume Down "-" Button to decrease the sound level.

4



Direct Programme Number Selection Buttons

One digit programme number

(Programme numbers 0-9)

You can select the numbers 0 to 9 directly.

e.g. Selecting programme number "7"

Push the "7" Button.

5



Two digit programme number

(Programme numbers 10-29)

e.g. Selecting programme number "24"

Push the "- / -" Button.

The on-screen display will appear as shown.



Push the "2" Button.

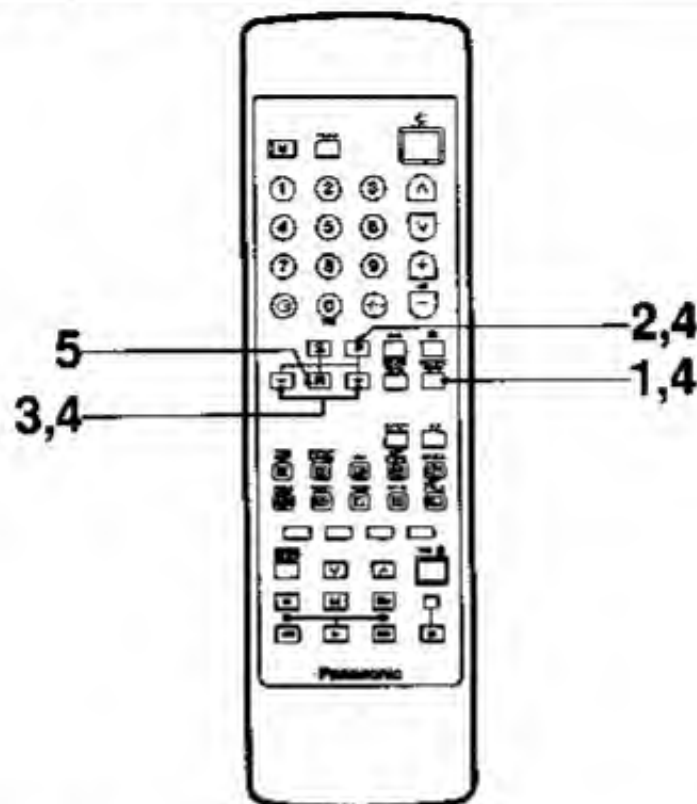


Push the "4" Button.



Picture Menu Operation

Menu Select Operation



Three menu can be selected to match the TV with the watching environments and/or the visual softwares.

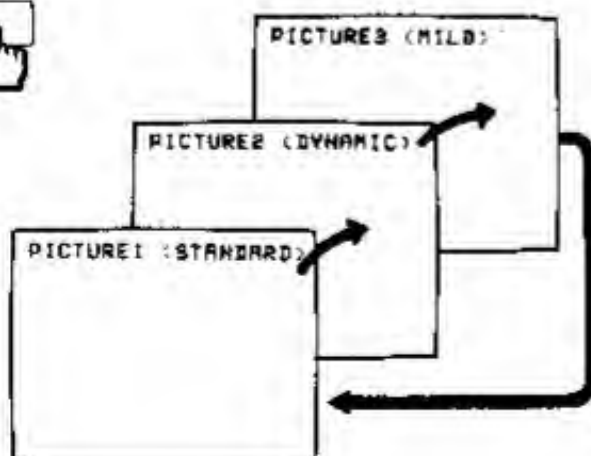
"COLOUR", "NTSC-TINT", "CONTRAST", "BRIGHTNESS" and "SHARPNESS" are memorized into each menu; letting you tailor the visual effect of your favorite picture.

(The level is preset at the factory.)

PICTURE
MENU



By pushing this button, you can sequentially select three picture menu (STANDARD, DYNAMIC and MILD), as shown below.



PICTURE 3 (MILD)

For watching at moderately dark places, it is set at pictures where consideration is given to dark scenes.

PICTURE 2 (DYNAMIC)

For watching at bright places, it is set at modulated picture where contrast effect is strongly felt.

PICTURE 1 (STANDARD)

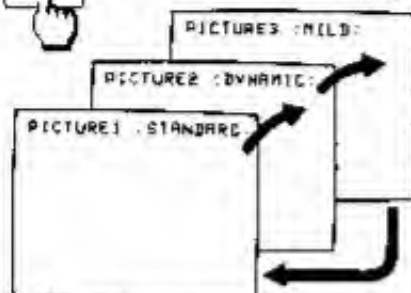
For watching at standard brightness, it is set at standard picture.

Picture Menu Operation

To Adjust the Picture Menu

1

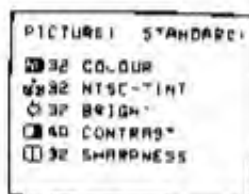
PICTURE
MENU



By pushing this button, you can sequentially select three picture menu as shown below.

For each picture menu, the function levels can be adjusted as shown in following steps.

2



Select your desired function by pushing the "P" Button repeatedly, the on-screen display will appear as shown below.

COLOUR → NTSC-TINT → BRIGHT → CONTRAST

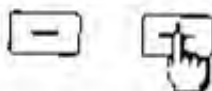
SHARPNESS

Note:

"NTSC-TINT" indicator will appear on the screen only if "NTSC4.43" or "NTSC3.58" is selected.

(e.g. Selecting the "PICTURE 1" menu)

3



(e.g. Selecting the "COLOUR" function)

By pushing the "+" Button or "-" Button, the on-screen display of the level indicator will appear as shown.

Push the "+" Button to increase the level of selected function.
Push the "-" Button to decrease the level of selected function.

4

Repeat steps 1 through 3 for the remaining picture menu.

Helpful Hint

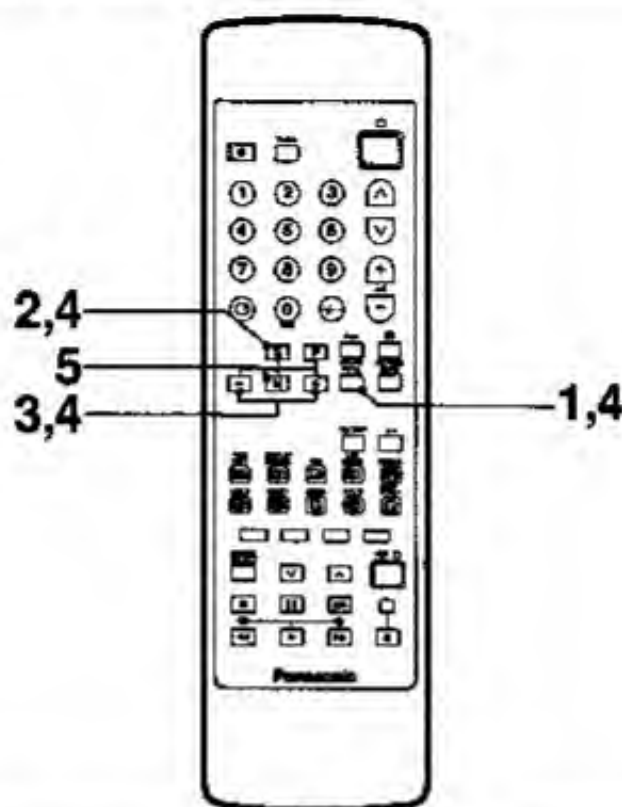
5



By pushing this button, the selected menu will be changed to the Normal mode.
The on-screen will appear as shown.

Sound Menu Operation

Menu Select Operation

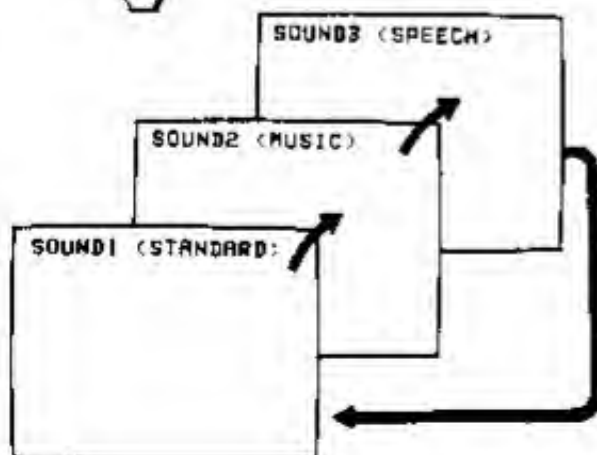


Three menu can be selected for perfect matching of the programmes and/or visual softwares. "Extra Bass System" and "TREBLE" are memorized into each menu; letting you select your favorite mood by inputting the desired mode.
(The level is preset at the factory.)

SOUND
MENU



By pushing this button, you can sequentially select three sound menu (STANDARD, MUSIC and SPEECH), as shown below.



SOUND 3 (SPEECH)
For News programme.

SOUND 2 (MUSIC)
For MUSIC programme.

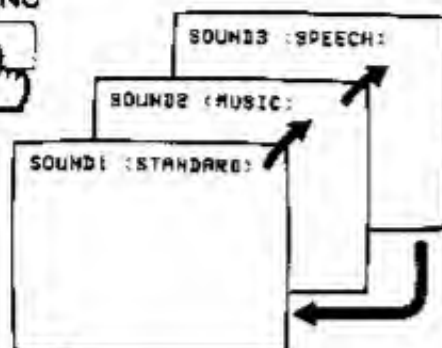
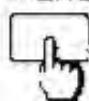
SOUND 1 (STANDARD)
For Normal use.

Sound Menu Operation

To Adjust the Sound Menu

1

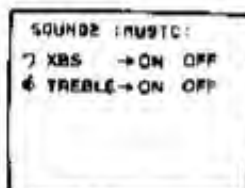
SOUND
MENU



By pushing this button, you can sequentially select three sound menu as shown below.

For each sound menu, the function levels can be adjusted as shown in following steps.

2



(e.g. Selecting the "MUSIC" menu)

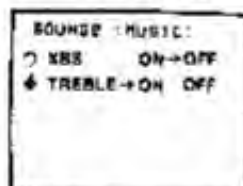
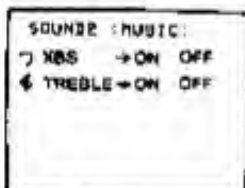
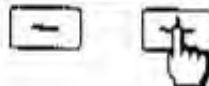
Select your desired function by pushing the "S" Button sequentially. The on-screen display will appear as shown below.

XBS \longleftrightarrow TREBLE

Note:

When the XBS is activated, the dynamic low frequency ranges are boosted.

3



(e.g. Selecting the "XBS" function)

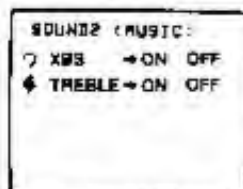
By using the Level Adjustment Up "+" or Down "-" Button, the arrow point at ON or OFF position and the colour is changed from white to red.

4

Repeat steps 1 through 3 for the remaining sound menu.

Helpful Hint

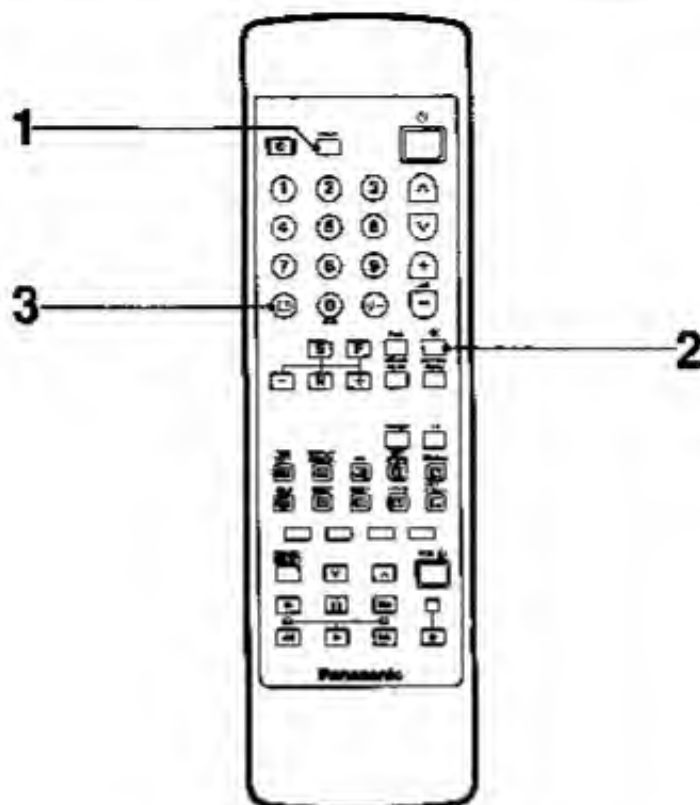
5



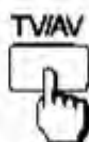
By pushing this button, the selected menu will be changed to the Normal mode.

The on-screen will appear as shown.

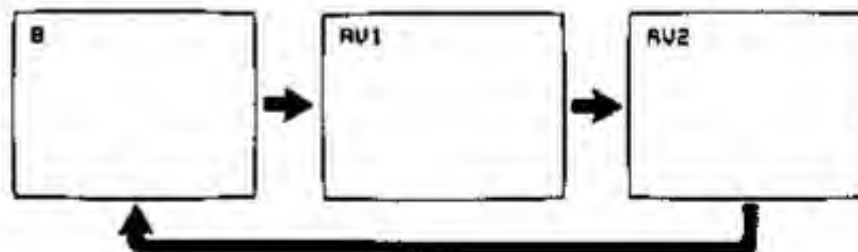
General Operation on the Remote Control



1



Push the "TV/AV Selection" Button on the Remote Control to select TV mode and two AV modes (AV1 and AV2). The on-screen display will be changed as follows.



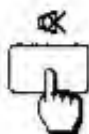
Note:

- (1) If the AV signal cannot be obtained from playback equipment, the Colour on TV screen will appear according to the receiving Colour System. (Refer to page 39 for details of Colour System.)
- (2) When TV mode is selected, the last Programme Number will appear on the screen.

General Operation on the Remote Control

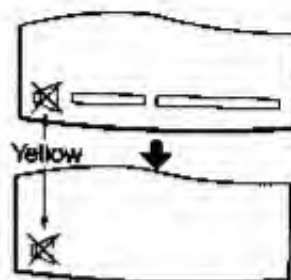
2

Push the "Mute" Button to mute the sound.



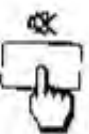
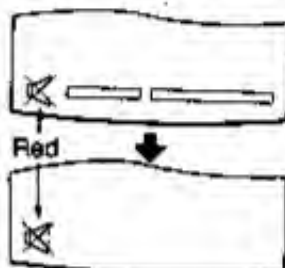
Push this button once to mute the sound 50%.
The on-screen display will appear as follows.
The previous sound level will appear in yellow.

The "Mute" symbol will remain unchanged.

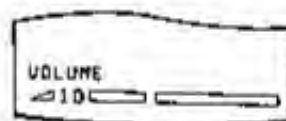


Push this button again to mute the sound perfectly.
The previous sound level will appear in red.

The "Mute" symbol will remain unchanged.



Push this button once again to restore the previous sound level.

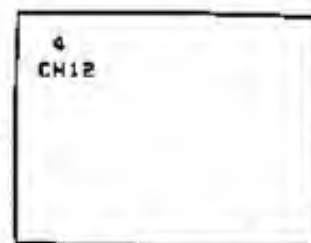
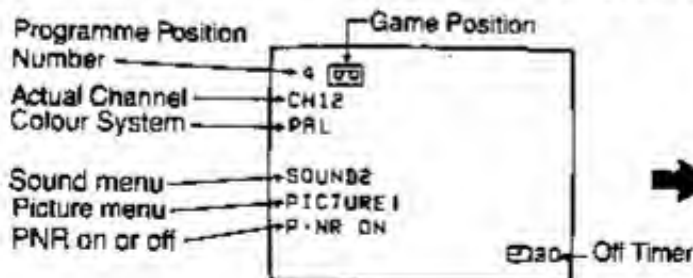


Note:

In the "Mute" condition, you can use the Volume "Down" Button.
Using the Volume "Up" Button, the "Mute" will be canceled.

3

Push the "Recall" Button to activate the on-screen display as shown below.



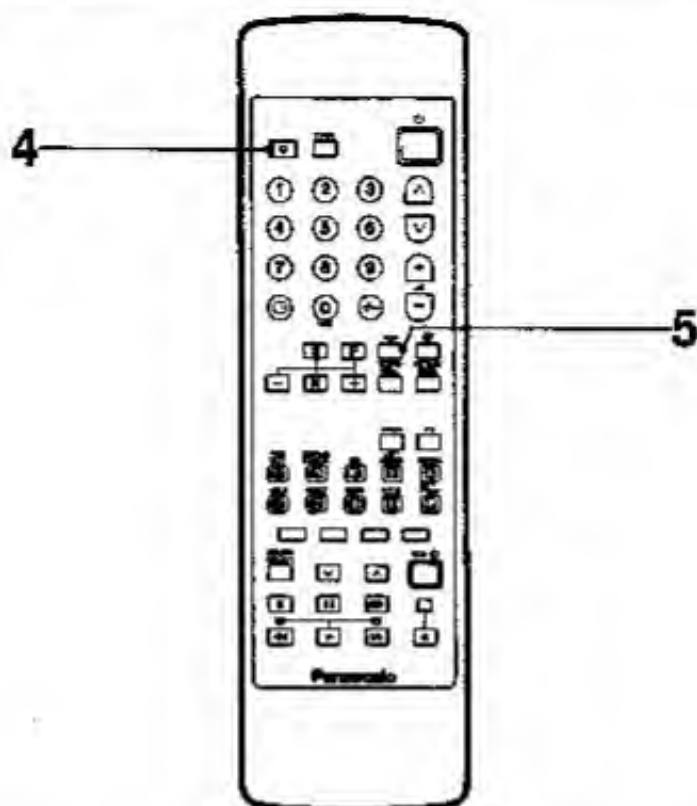
The Programme Number and Actual Channel will remain.



Push again to cancel.

To be continued ➡

General Operation on the Remote Control



4



Off Timer Button

The TV set may be pre-set to switch off after a fixed period. Pushing the "Off timer" Button will set the TV for 30 minutes. To set 60 minutes, push this button again, and again for 90 minutes. Pushing this button once more will return the Pre-set time to zero.

30 → 60 → 90 → 0

When a time for switch off has been set, the pre-set time will be displayed as follows. (e.g. setting for 30 min.)

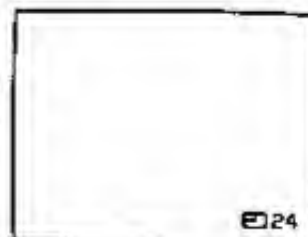
The on-screen display will disappear automatically.

To confirm the remaining time, push the "Recall" Button and the remaining time is displayed on-screen.

Three minutes before the time for switch off, the display of remaining time will begin to flash.



After
6 min.



General Operation on the Remote Control

Note:

Pre-set time may be cancelled in the following ways.

- (1) Set the Pre-set Time condition to "0" by using the "Off timer" Button.
- (2) Turning the TV set off, using the "Power" Button on the Remote Control or the "Power" Switch on the TV set.

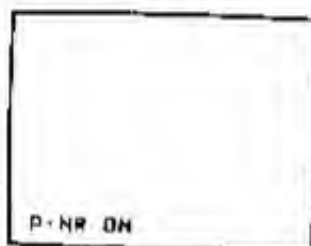
5



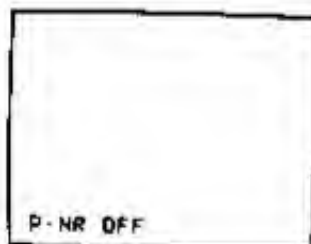
Picture Noise Reduction Button

The Picture Noise Reduction system is a system designed to effectively reduce the Picture Noise.

The on-screen display will appear as follows.



When the Picture Noise Reduction System is ON, the Picture Noise will be soft.



When the Picture Noise Reduction System is OFF, the Picture Noise will be sharp.

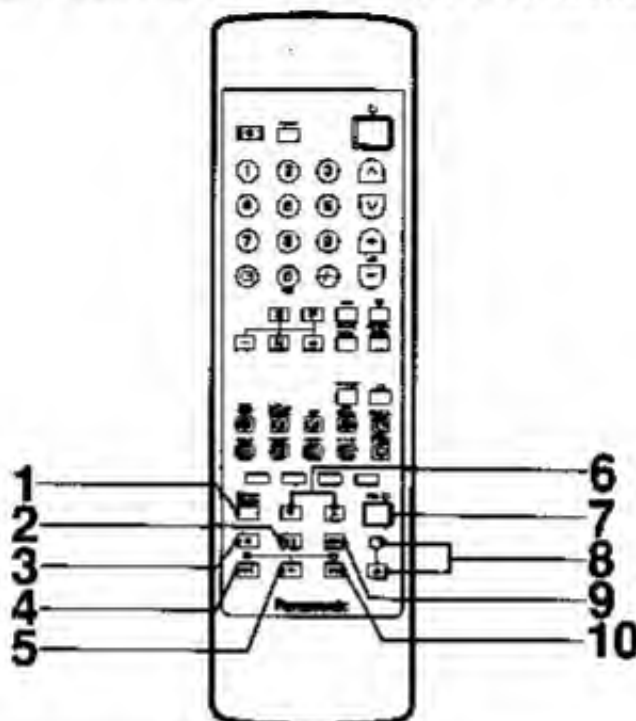
On the channel of weak broadcasting signal or no signal, the colour on TV screen will appear according to the receiving Colour System. And the noise will be muted automatically.

Note:

When you want to watch the weak broadcasting in spite of the disturbance, turn the Picture Noise Reduction to ON condition. Then the TV set will be able to receive the weak broadcasting.

Operation for VCR

This Infrared remote control is designed specifically to be used with selected Panasonic/National VCRs. Some model VCRs have different functions, so please refer to the individual instruction booklet to ensure compatibility when using this remote control with Panasonic/National VCRs, consult your dealer for details.



1

SOUND
SELECT



Sound select Button for VCR

You can select the Sound mode (Stereo or Bilingual) by pushing this button.

For sound select operation details, refer to operating instructions of the VCR.

2



Pause/Still Button

Push to stop the tape temporarily during playback. A still-picture will be shown.

3



Stop Button

Push this button to stop the tape.

4



Rew (Rewind)/Review Button

Push this button to rewind the tape.

During the playback mode, holding this button down will allow you to view the picture in reverse direction rapidly. (Review)

Operation for VCR

5



Play Button

Push this button to playback the tape.

6



Programme Number Up and Down Buttons for VCR

Push the Programme Number "Up" or "Down" Button to select a programme position which you want to tune to a TV station.

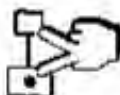
7



VCR Power Button

Push this button to turn the VCR on.
Push again to turn it off.

8



Rec (Record) Buttons

Recording is started by pushing these 2 buttons at the same time.

9



Still Advance Button

While in the still mode, push this button to advance the picture one frame at a time.

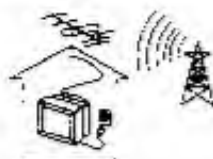
10



FF (Fast Forward)/Cue Button

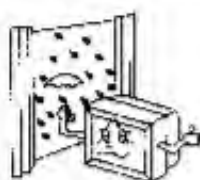
Push this button to fast forward the tape.
During the playback mode, holding this button down will allow you to view the picture in the forward direction rapidly. (Cue)

Warnings and Cautions



Power Source and TV System

This TV set can be operated on AC 230 V, 50 Hz.
It is designed exclusively for broadcast systems PAL B. G.

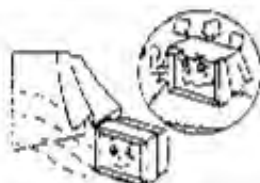


To prevent damage which may result in fire or electrical shock hazard, do not expose the TV set to rain or excessive moisture.

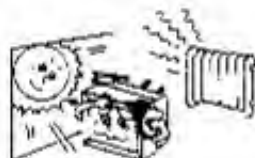


High Voltage:

Do not remove the rear cover as live parts are accessible when rear cover is removed.



Adequate ventilation is essential to prevent failure of electrical components.



Avoid exposing the TV set to direct sunlight and other sources of heat.

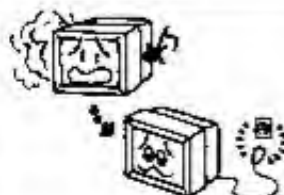


Remove the AC plug from the wall outlet (Power point) when the TV set is not used for a prolonged period of time.



Cabinet and Picture Tube Care

The cabinet and picture tube can be kept in good condition by simply wiping with a clean, soft cloth moistened with mild detergent and water. Do not use solutions containing benzol, petroleum or a chemical cloth. For safety, remove the AC plug from the wall outlet.




















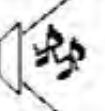


Do not use this set if abnormal operation occurs.

Ex : Smoke, odd sounds, or smells. Turn the power switch off and disconnect the AC plug, if you notice any unusual operation.

Troubleshooting

Before you call for service, determine the symptoms and make a few simple checks as shown below.

Symptoms		Checks		
Picture	Sound			
 Snowy Picture	 Noisy Sound	Aerial Location, direction or Connections		
 Multiple Image	 Normal Sound	Aerial Location, direction or Connections		
 Interference	 Noisy Sound	Electrical Appliances Cars/Motorcycles Fluorescent Lamps		
 Normal Picture	 No Sound	Volume (Check whether the mute function has been activated on the Remote Control.)		
 No Picture	 No Sound	Not plugged into AC outlet Not switched on Contrast and Brightness/Volume setting (Check by pushing the Power Switch or Stand-by Button on the Remote Control.)		
 No Colour	 Normal Sound	Colour Control		
 Scrambled	 Normal or Weak Sound	Retune Channels		
 Coloured Patches	 Normal Sound	Magnetic Interference from unshielded equipment Receiver moved while "ON" (Turn the TV set off by pushing the "Power" Switch on the TV set for 30 mins.)		
 No Colour	 Rolling Picture	 H-Line	 Noisy Sound	System Button

Specifications

Power Source

AC 230 V, 50 Hz

Power Consumption

155W
Stand-by condition 11W

Receiving System

4 Systems		Function
1	PAL B. G	Reception of broadcasts and Playback from Video Tape Recorders
2	NTSC 4.43 / 5.5MHz	Playback from Special Video Tape Recorders
3	NTSC 3.58 / 5.5MHz	
4	PAL 60Hz	

Receiving Channels

Regular TV VHF BAND
 1 - 11
 UHF BAND
 21 - 69

Specifications

Tuning System

Voltage synthesizer

Picture Tube

Type 26 (66 cm) measured diagonally
110° deflection

Audio Output

Internal Speaker 3W (Max.)

Aerial Impedance

75Ω Unbalanced coaxial

Video/Audio Terminals

AV1	S-Video In	Y: 1.0 Vp-p, 75Ω C: 0.3 Vp-p, 75Ω
	Video In	1 Vp-p, 75Ω
	Audio In	Approx. 400mV
AV2	Video In	1 Vp-p, 75Ω
	Audio In	Approx. 400mV
Monitor Out	Video Out	1 Vp-p, 75Ω
	Audio Out	Approx. 400mV

Accessories Supplied

Remote control × 1
R6 Battery × 2

Dimensions (W × D × H)

622 mm × 456 mm × 563 mm

Mass

32.0 kg (Net)

Note:

Design and Specifications are subject to change without notice.
Weight and Dimensions shown are approximate.

Customer's Record

The serial number of this product can be found on its rear cover. You should note the serial number of this unit in the space provided below and retain this book as a permanent record of your purchase to aid in identification in the event of theft or loss.

Model Number TC-26T1Z

Serial Number

Matsushita Electric Industrial Co., Ltd.

Central P.O. Box 288, Osaka 530-91, Japan

Printed in Japan
S0591